City of Malibu

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October 28, 2016

The City is pleased to submit the 3rd Quarter report for the monitoring programs conducted for compliance with the City's WDR/WRR for the Civic Center Wastewater Treatment Facility and the City's MOU with the Regional Board. Unfortunately, the analysis laboratory selected by the City's consultant, Rincon Consultants, Inc. did not complete the summary of the testing for emerging constituents. The summary is scheduled to be provided to the City on October 31, 2016 and will be immediately upload to GeoTracker as an amendment to the report submitted today.

If you have any questions, or require additional clarification, please do not hesitate to contact me at (310) 456-2489 extension 229 or via email at cgeorge@malibucity.org.

Sincerely,

Craig George
Environmental Sustainability Director
Building Official



Malibu Civic Center Wastewater Treatment Facility

Third Quarter 2016 Groundwater + Surface Water Monitoring Report

Rincon Consultants Inc.
October 2016

Submitted to:

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October 27, 2016
Project 15-01587

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

Subject: **Third Quarter 2016 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 Third Quarter 2016 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.

Please contact us with any questions you may have regarding the results of the Third Quarter 2016 Baseline Groundwater and Surface Water Monitoring Report.

Sincerely,
RINCON CONSULTANTS, INC.

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"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____ day of _____ at _____

_____ Signature

_____ Title

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1.0 INTRODUCTION

This report presents the results of the Third Quarter 2016 Baseline Groundwater and Surface Water Monitoring event 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 sampling methodologies, water quality data results, and our conclusions.

2.0 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 begun constructing 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 its key objective.

– *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 the monitoring in this task 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 the long-term monitoring is to identify the impact 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 the 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 entered into 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 Groundwater Basin. The objective of this task is to provide a better understanding of the groundwater elevation conditions of the Civic Center Area, including elevation trends related to precipitation, tidal, and lagoon influences (LARWQCB 2015).

3.0 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 but is one of the 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) and 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.

4.0 ACTIVITIES COMPLETED DURING THE THIRD QUARTER OF 2016

The following activities were completed during the Third Quarter of 2016:

- Prepared and submitted the Second Quarter 2016 Groundwater and Surface Water Monitoring Report to the LARWQCB.
- Rincon collected and analyzed surface water and groundwater samples for MRP compliance (Task I).
- Rincon collected and analyzed groundwater samples for SNMP compliance (Task III).
- Rincon collected and analyzed groundwater samples for MOU compliance (Task IV).
- Rincon measured depth to water in the groundwater monitoring wells in July, August, and September (Task V).

5.0 GROUNDWATER ELEVATIONS AND GRADIENTS

Rincon measured the depth to water in 46 groundwater monitoring wells using an electronic water level indicator on July 20, 2016, August, 20, 2016, and September 19, 2016 (Table 1 and Appendix A). Of the 46 groundwater monitoring wells, seven of the wells do not have elevation data for the top of well casing. Therefore, groundwater elevations could not be calculated in these seven groundwater wells.

5.1 SHALLOW ZONE

The groundwater elevations ranged from 3.99 feet above mean sea level (amsl) in groundwater monitoring well MBCMW-7 to 18.96 feet amsl in groundwater monitoring well EC-RC-MW01 (Table 1). Groundwater elevations fluctuated during the Third Quarter of 2016 when comparing monthly groundwater elevations between July and September 2016. Groundwater elevation decreased a maximum of 0.96 feet amsl in groundwater monitoring well CCPNE and increased a maximum 0.58 feet amsl in groundwater monitoring well SMBRP-13. Groundwater elevations decreased a minimum of 0.01 feet amsl in groundwater monitoring wells MCWP-MW08. The groundwater elevation did not change between August and September 2016 in groundwater well MBCMW-9. 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 0.0023 feet/foot, 0.0027 feet/foot, and 0.0024 feet/foot (calculated using groundwater monitoring wells SMBRP-9, SMBRP-12, and SMBRP-2) during the July, August, and September monitoring events, respectively.

5.2 DEEP ZONE

The groundwater elevations ranged from 4.44 feet amsl in groundwater monitoring well MCWP-MW07D to 10.04 feet amsl in groundwater monitoring well MCWP-MW09 (Table 1). Groundwater elevation decreased a maximum of 0.59 feet amsl in groundwater monitoring well MCWP-MW07D and increased a maximum 0.65 feet amsl in groundwater monitoring wells

MCWP-MW07D when comparing monthly groundwater elevations between July and August 2016.

5.3 WINTER CANYON

The groundwater elevations ranged from 9.79 feet amsl in groundwater monitoring well SMBRP-11 to 50.32 feet amsl in groundwater monitoring well LAMW-5S (Table 1). Groundwater elevation decreased a maximum of 0.44 feet amsl in groundwater monitoring well SMBRP-11 and increased a maximum 0.39 feet amsl in groundwater monitoring well SMBRP-11 when comparing monthly groundwater elevations between July and August 2016.

6.0 WATER QUALITY SAMPLING AND ANALYSIS

6.1 SURFACE WATER SAMPLING METHODOLOGY

On September 23, 2016 a total of ten surface water samples were collected. Six surface water samples were collected from the Malibu Lagoon and Creek and four ocean water samples were collected from the near shore area along Malibu Road. Surface water samples from nearshore 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 in 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 analysis are shown in the Surface Water Analysis Matrix (Table 2).

6.2 GROUNDWATER SAMPLING METHODOLOGY

From September 19 to September 22, 2016, a total of fifteen groundwater samples were collected. Prior to sampling, a minimum of three casing volumes were purged from each well by 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 and the samples were transferred into preserved and non-preserved containers supplied by FGL. The containers were capped, labeled, placed in Ziploc bags, and stored on ice in a cooler pending delivery to FGL. All groundwater monitoring locations and corresponding laboratory analysis are shown in the Groundwater and Surface Water Analysis Matrix (Table 2).

6.3 SURFACE WATER ANALYTICAL LABORATORY ANALYSIS

The surface water samples collected during the Third Quarter 2016 sampling event were analyzed by FGL. The laboratory analytical results for the Third Quarter monitoring event included the constituents listed in Table 3. Laboratory reports are included as Appendix B of this report.

6.3.1 Total Coliform

During the Third Quarter 2016 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-001to 240 MPN/100 mL at N-002 with an average concentration of 82.2 MPN/100 mL. Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 7.8 MPN/100 mL at L-005 and L-006 to 540 MPN/100 mL at L-001 with an average concentration of 102 MPN/100 mL.

6.3.2 Fecal Coliform

During the Third Quarter 2016 monitoring event fecal coliform concentrations in the near shore surface water from less than 1.8 MPN/100 mL at N-001 and N-004 to 6.8 MPN/100 mL at N-002 with an average concentration of 4.4 MPN/100 mL. Fecal coliform concentrations in the Malibu Lagoon and Creek surface water ranged from 4.5 MPN/100 mL at L-003 and L-004 and 79 MPN/100 mL at L-001 with an average concentration of 18 MPN/100 mL.

6.3.3 Nitrogen

6.3.3.1 Nitrate as Nitrogen

Nitrate as nitrogen concentrations in all surface water samples collected at the near shore and Malibu Lagoon and Creek sampling locations were less than or equal to 0.1 milligrams per liter (mg/L), the analytical practical quantification limit (reporting limit).

6.3.3.2 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 not detected above the reporting limit of 0.1 mg/L.

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 Third Quarter 2016 monitoring event were not detected above the reporting limit of 0.2 mg/L.

TKN concentrations in surface water samples collected at the near shore sampling locations during the Third Quarter 2016 monitoring event were not detected above the reporting limit of 0.5 mg/L. TKN detected in surface water samples collected at the Malibu Lagoon and Creek sampling locations during the Third Quarter 2016 sampling event ranged from 0.53 mg/L at sampling location L-005 to 1.24 mg/L at sampling location L-006.

Organic nitrogen concentrations in surface water samples collected at the near shore sampling locations during the Third Quarter 2016 monitoring event were not detected above the reporting limit of 0.5 mg/L. Organic nitrogen detected in surface water samples collected at the Malibu Lagoon and Creek sampling locations during the Third Quarter 2016 sampling event ranged from less than 0.5 mg/L at sampling location L-005 to 1.24 mg/L at sampling location L-006.

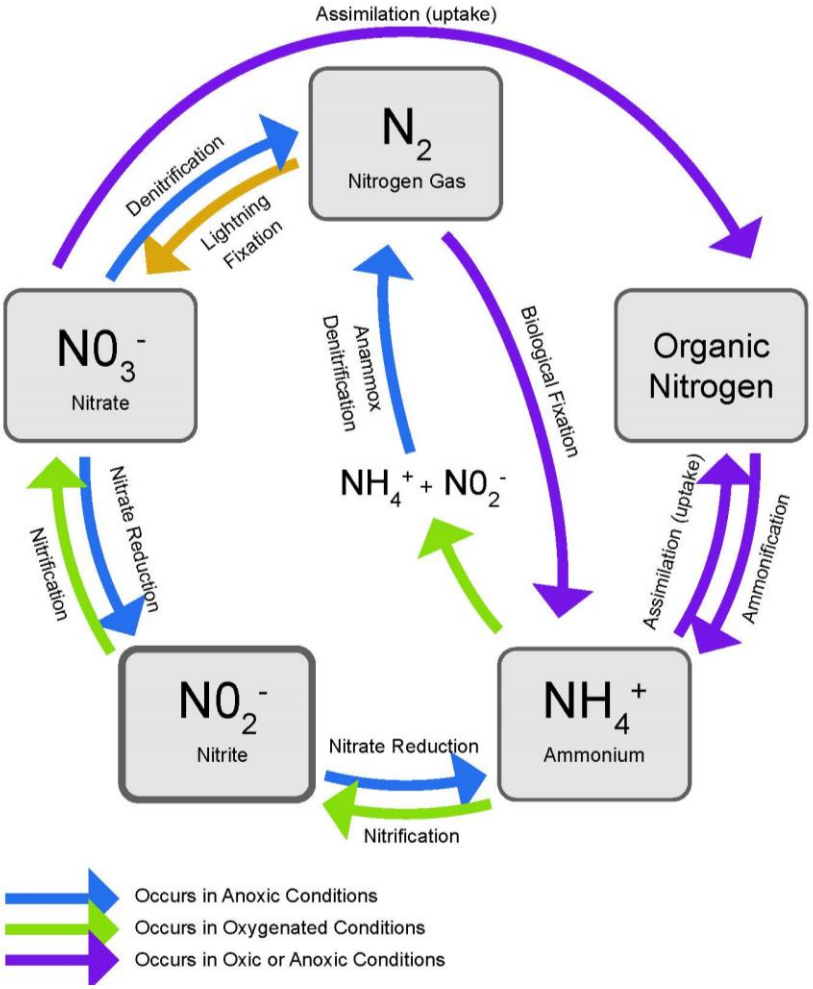


Figure 6. The Nitrogen Cycle

6.3.4 Total Phosphorous

Total phosphorus concentrations detected in surface water samples collected at the near shore sampling locations during the Third Quarter 2016 sampling event ranged from 1.29 mg/L at sampling location N-004 to 1.97 mg/L at sampling location N-001 with an average concentration of 1.5 mg/L. Total phosphorus concentrations detected in surface water samples collected at Malibu Lagoon and Creek during the Third Quarter 2016 sampling event ranged from less than 0.1 mg/L at L-002, L-002, L-004, L-005, L-006 to 0.153 mg/L at L-001.

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 DQF column of the analytical reports also has the QC flags; definitions for the QC flags are below the analytical tables.

6.4 GROUNDWATER ANALYTICAL LABORATORY ANALYSIS

The groundwater samples collected during the Third Quarter 2016 sampling event were analyzed by FGL. The laboratory analytical results for the Third Quarter monitoring event included a select list of constituents in Table 4 as well as other constituents in laboratory reports. Laboratory reports are included as Appendix B of this report.

6.4.1 Total Coliform

During the Third Quarter 2016 monitoring event, total coliform concentrations in groundwater wells monitored ranged from less than 1.8 MPN/100 mL to 540 MPN/100 mL at CCPE with an average concentration of 286.5 MPN/100 mL. Total coliform was only detected above practical quantification limits in two groundwater wells, CCPE (540 MPN/100mL) and SMBRP-9 (33 MPN/100mL).

6.4.2 Fecal Coliform

During the Third Quarter 2016 monitoring event, fecal coliform concentrations in groundwater wells were not detected above 1.8 MPN/100 mL, the practical quantification limit for fecal coliform bacteria.

6.4.3 Nitrogen

6.4.3.1 Nitrate as Nitrogen

During the Third Quarter 2016 monitoring event, nitrate as nitrogen ranged from less than 0.1 mg/L at multiple locations to 19.1 mg/L with an average concentration of 4.29 mg/L. Groundwater wells LAMW-5S and SMBRP-9 had detected nitrate as nitrogen concentrations of 12.4 mg/L and 19.1 mg/L, respectively.

6.4.3.2 Other forms of Nitrogen

During the Third Quarter 2016 monitoring event, nitrite as nitrogen was not detected above the laboratory detection limit of 0.1 mg/L. Ammonia concentrations detected during the Third Quarter 2016 monitoring event ranged from less than 0.2 mg/L at multiple groundwater wells to 8.85 mg/L at SMBRP-12 with an average concentration of 2.79 mg/L.

Organic nitrogen concentrations were less than 0.5 mg/L at all groundwater wells except for MCWP-MW04S, which had a detected concentration of 0.6 mg/L. TKN concentrations ranged from less than 0.5 mg/L at multiple groundwater monitoring wells to 8.28 mg/L at SMBRP-12 with an average concentration of 3.34 mg/L.

6.4.4 Total Phosphorous

During the Third Quarter 2016 monitoring event total phosphorus concentrations in groundwater samples analyzed ranged from less than 0.1 mg/L at multiple locations to 7.04 mg/L at LAMW-5S with an average concentration of 1.43 mg/L.

6.4.5 Total Dissolved Solids

Total Dissolved Solids (TDS) concentrations in groundwater samples analyzed during the Third Quarter 2016 monitoring event ranged from 863 mg/L at LAMW-5S to 7,930 mg/L at SMBRP-12 with an average concentration of 2,929 mg/L.

6.4.6 Boron

During the Third Quarter 2016 monitoring event boron concentrations in groundwater samples analyzed ranged from 0.248 mg/L at LAMW-5S to 2.25 mg/L at MCWP-MW04S with an average concentration of 0.8 mg/L.

6.4.7 Sulfate

During the Third Quarter 2016 monitoring event sulfate concentrations in groundwater samples analyzed ranged from 200 mg/L at LAMW-5S to 2,980 mg/L at MCWP-MW04S with an average concentration of 783 mg/L.

6.4.8 Chloride

During the Third Quarter 2016 monitoring event chloride concentrations in groundwater samples analyzed ranged from 125 mg/L at LAMW-5S to 3,140 mg/L at SMBRP-12 with an average concentration of 782 mg/L.

6.4.9 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.

7.0 SCHEDULED ACTIVITIES FOR THE FOURTH QUARTER OF 2016

The following activities will be completed during the Fourth Quarter of 2016:

- Prepare and submit the Third Quarter 2016 Groundwater and Surface Water Monitoring Report to the LARWQCB.
- Rincon will collect and analyze surface water samples for MRP compliance (Task I).
- Rincon will measure depth to water in the groundwater monitoring wells in October, November, and December (Task V).

8.0 SUMMARY OF MONITORING ACTIVITIES

Groundwater elevations fluctuated several feet between July, August, and September groundwater monitoring events. Shallow groundwater generally flows southeast to south, towards the coastline.

During the Third Quarter 2016 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-001to 240 MPN/100 mL at N-002 with an average concentration of 82.2 MPN/100 mL. Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 7.8 MPN/100 mL at L-005 and L-006 to 540 MPN/100 mL at L-001 with an average concentration of 102 MPN/100 mL.

Fecal coliform concentrations in the near shore surface water from less than 1.8 MPN/100 mL at N-001 and N-004 to 6.8 MPN/100 mL at N-002 with an average concentration of 4.4 MPN/100 mL. Fecal coliform concentrations in the Malibu Lagoon and Creek surface water ranged from 4.5 MPN/100 mL at L-003 and L-004 and 79 MPN/100 mL at L-001 with an average concentration of 18 MPN/100 mL.

Nitrate as nitrogen concentrations in all surface water samples collected at the near shore and Malibu Lagoon and Creek sampling locations were less than or equal to 0.1 milligrams per liter (mg/L), the analytical practical quantification limit (reporting limit).

During the Third Quarter 2016 monitoring event, total coliform concentrations were only detected above practical quantification limits in two groundwater wells, CCPE (540 MPN/100mL) and SMBRP-9 (33 MPN/100mL).

Fecal coliform concentrations in groundwater wells were not detected above 1.8 MPN/100 mL, the practical quantification limit for fecal coliform bacteria.

Nitrate as nitrogen ranged from less than 0.1 mg/L at multiple locations to 19.1 mg/L with an average concentration of 4.29 mg/L. Groundwater wells LAMW-5S and SMBRP-9 had detected nitrate as nitrogen concentrations of 12.4 mg/L and 19.1 mg/L, respectively.

TDS concentrations in groundwater samples analyzed during the Third Quarter 2016 monitoring event ranged from 863 mg/L at LAMW-5S to 7,930 mg/L at SMBRP-12 with an average concentration of 2,929 mg/L.

9.0 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.

10.0 REFERENCES

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

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
C-1	8/24/2015	11.47	N/A	-
	9/21/2015		N/A	-
	10/20/2015		N/A	-
	11/16/2015		5.07	6.40
	12/14/2015		4.12	7.35
	1/14/2016		6.65	4.82
	2/16/2016		6.65	4.82
	3/14/2016		6.80	4.67
	4/25/2016		5.72	5.75
	5/16/2016		4.59	6.88
	6/17/2016		4.72	6.75
	7/20/2016		5.32	6.15
	8/20/2016		5.42	6.05
	9/19/2016		5.47	6.00
C-2	8/24/2015	11.19	5.11	6.08
	9/21/2015		4.92	6.27
	10/20/2015		5.18	6.01
	11/16/2015		4.96	6.23
	12/14/2015		3.93	7.26
	1/14/2016		6.44	4.75
	2/16/2016		6.34	4.85
	3/14/2016		6.50	4.69
	4/25/2016		5.54	5.65
	5/16/2016		4.49	6.70
	6/17/2016		4.62	6.57
	7/20/2016		5.16	6.03
	8/20/2016		5.25	5.94
	9/19/2016		5.21	5.98
CCPE	8/24/2015	12.935	5.76	7.18
	9/21/2015		5.61	7.33
	10/20/2015		5.87	7.07
	11/16/2015		5.79	7.15
	12/14/2015		4.52	8.42
	1/14/2016		7.95	4.99
	2/16/2016		8.27	4.67
	3/14/2016		8.35	4.59
	4/25/2016		7.13	5.81
	5/16/2016		5.72	7.22
	6/17/2016		6.54	6.40
	7/20/2016		6.09	6.85
	8/20/2016		6.43	6.51
	9/19/2016		6.80	6.14

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
CCPNE	8/24/2015	13.675	6.44	7.24
	9/21/2015		6.27	7.41
	10/20/2015		6.54	7.14
	11/16/2015		6.74	6.94
	12/14/2015		5.28	8.40
	1/14/2016		8.51	5.17
	2/16/2016		8.65	5.03
	3/14/2016		8.65	5.03
	4/25/2016		7.79	5.89
	5/16/2016		6.39	7.29
	6/17/2016		5.83	7.85
	7/20/2016		6.79	6.89
	8/20/2016		7.16	6.52
	9/19/2016		7.52	6.16
CCPSW	8/24/2015	13.67	6.29	7.38
	9/21/2015		6.09	7.58
	10/20/2015		6.35	7.32
	11/16/2015		6.24	7.43
	12/14/2015		5.27	8.40
	1/14/2016		8.22	5.45
	2/16/2016		8.11	5.56
	3/14/2016		8.05	5.62
	4/25/2016		7.50	6.17
	5/16/2016		6.18	7.49
	6/17/2016		6.26	7.41
	7/20/2016		6.60	7.07
	8/20/2016		6.92	6.75
	9/19/2016		7.28	6.39
CCW-4	8/24/2015	15.765	6.50	9.27
	9/21/2015		6.71	9.06
	10/20/2015		6.90	8.87
	11/16/2015		7.02	8.75
	12/14/2015		7.05	8.72
	1/14/2016		6.19	9.58
	2/16/2016		6.17	9.60
	3/14/2016		5.72	10.05
	4/25/2016		5.28	10.49
	5/16/2016		6.45	9.32
	6/17/2016		6.70	9.07
	7/20/2016		7.07	8.70
	8/20/2016		7.33	8.44
	9/19/2016		7.56	8.21

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
GH6-M1	8/24/2015	-	28.92	-
	9/21/2015		29.11	-
	10/20/2015		29.24	-
	11/16/2015		29.32	-
	12/14/2015		29.43	-
	1/14/2016		29.43	-
	2/16/2016		29.56	-
	3/14/2016		29.44	-
	4/25/2016		29.46	-
	5/16/2016		29.35	-
	6/17/2016		29.20	-
	7/20/2016		29.49	-
	8/20/2016		29.58	-
	9/19/2016		29.69	-
GH8-M3	8/24/2015	-	28.37	-
	9/21/2015		28.54	-
	10/20/2015		28.69	-
	11/16/2015		28.75	-
	12/14/2015		28.78	-
	1/14/2016		28.92	-
	2/16/2016		28.96	-
	3/14/2016		28.79	-
	4/25/2016		28.78	-
	5/16/2016		28.63	-
	6/17/2016		28.67	-
	7/20/2016		28.90	-
	8/20/2016		29.08	-
	9/19/2016		29.19	-
GH9-M4	8/24/2015	-	30.31	-
	9/21/2015		30.54	-
	10/20/2015		30.66	-
	11/16/2015		30.75	-
	12/14/2015		30.86	-
	1/14/2016		34.54	-
	2/16/2016		31.12	-
	3/14/2016		31.07	-
	4/25/2016		34.32	-
	5/16/2016		32.80	-
	6/17/2016		30.56	-
	7/20/2016		30.90	-
	8/20/2016		31.09	-
	9/19/2016		31.18	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
M6-1	8/24/2015	-	6.61	-
	9/21/2015		6.43	-
	10/20/2015		6.72	-
	11/16/2015		6.68	-
	12/14/2015		6.35	-
	1/14/2016		6.63	-
	2/16/2016		7.03	-
	3/14/2016		6.45	-
	4/25/2016		7.15	-
	5/16/2016		6.85	-
	6/17/2016		7.04	-
	7/20/2016		7.34	-
	8/20/2016		7.61	-
	9/19/2016		7.87	-
M6-2	8/24/2015	-	5.76	-
	9/21/2015		5.75	-
	10/20/2015		6.08	-
	11/16/2015		6.17	-
	12/14/2015		6.12	-
	1/14/2016		4.69	-
	2/16/2016		5.46	-
	3/14/2016		4.27	-
	4/25/2016		5.51	-
	5/16/2016		5.74	-
	6/17/2016		5.94	-
	7/20/2016		6.21	-
	8/20/2016		6.42	-
	9/19/2016		6.61	-
M7-1	8/24/2015	-	8.09	-
	9/21/2015		8.12	-
	10/20/2015		8.40	-
	11/16/2015		8.48	-
	12/14/2015		8.30	-
	1/14/2016		8.04	-
	2/16/2016		8.36	-
	3/14/2016		7.83	-
	4/25/2016		8.46	-
	5/16/2016		8.17	-
	6/17/2016		8.22	-
	7/20/2016		8.54	-
	8/20/2016		8.74	-
	9/19/2016		8.88	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
M7-2	8/24/2015	-	7.78	-
	9/21/2015		7.91	-
	10/20/2015		8.15	-
	11/16/2015		8.27	-
	12/14/2015		8.28	-
	1/14/2016		7.34	-
	2/16/2016		7.74	-
	3/14/2016		7.03	-
	4/25/2016		7.84	-
	5/16/2016		7.70	-
	6/17/2016		7.77	-
	7/20/2016		8.05	-
	8/20/2016		8.26	-
	9/19/2016		8.42	-
MBCMW-7	8/24/2015	16.635	11.26	5.38
	9/21/2015		10.94	5.70
	10/20/2015		11.09	5.55
	11/16/2015		11.11	5.53
	12/14/2015		10.27	6.37
	1/14/2016		11.39	5.25
	2/16/2016		11.75	4.89
	3/14/2016		11.55	5.09
	4/25/2016		11.44	5.20
	5/16/2016		11.22	5.42
	6/17/2016		11.71	4.93
	7/20/2016		12.12	4.52
	8/20/2016		12.27	4.37
	9/19/2016		12.65	3.99
MBCMW-8	8/24/2015	16.53	9.11	7.42
	9/21/2015		9.13	7.40
	10/20/2015		9.44	7.09
	11/16/2015		9.58	6.95
	12/14/2015		9.59	6.94
	1/14/2016		8.05	8.48
	2/16/2016		8.66	7.87
	3/14/2016		7.36	9.17
	4/25/2016		8.54	7.99
	5/16/2016		8.89	7.64
	6/17/2016		9.16	7.37
	7/20/2016		9.46	7.07
	8/20/2016		9.73	6.80
	9/19/2016		9.99	6.54

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
MBCMW-9	8/24/2015	17.71	8.70	9.01
	9/21/2015		8.83	8.88
	10/20/2015		9.00	8.71
	11/16/2015		9.09	8.62
	12/14/2015		9.09	8.62
	1/14/2016		8.30	9.41
	2/16/2016		8.06	9.65
	3/14/2016		7.83	9.88
	4/25/2016		8.21	9.50
	5/16/2016		8.40	9.31
	6/17/2016		8.64	9.07
	7/20/2016		8.78	8.93
	8/20/2016		8.80	8.91
	9/19/2016		8.80	8.91
MBCMW-10	8/24/2015	17.74	8.63	9.11
	9/21/2015		8.20	9.54
	10/20/2015		8.40	9.34
	11/16/2015		8.35	9.39
	12/14/2015		7.34	10.40
	1/14/2016		8.82	8.92
	2/16/2016		9.34	8.40
	3/14/2016		8.97	8.77
	4/25/2016		9.22	8.52
	5/16/2016		8.75	8.99
	6/17/2016		8.58	9.16
	7/20/2016		9.29	8.45
	8/20/2016		9.52	8.22
	9/19/2016		9.85	7.89
MCWP-MW04S	8/24/2015	15.29	7.55	7.74
	9/21/2015		7.67	7.62
	10/20/2015		7.85	7.44
	11/16/2015		7.99	7.30
	12/14/2015		8.06	7.23
	1/14/2016		6.48	8.81
	2/16/2016		7.08	8.21
	3/14/2016		5.92	9.37
	4/25/2016		7.10	8.19
	5/16/2016		7.36	7.93
	6/17/2016		7.64	7.65
	7/20/2016		7.95	7.34
	8/20/2016		8.18	7.11
	9/19/2016		8.35	6.94

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
MCWP-MW07S	8/24/2015	13.72	6.76	6.96
	9/21/2015		7.13	6.59
	10/20/2015		6.44	7.28
	11/16/2015		6.74	6.98
	12/14/2015		6.56	7.16
	1/14/2016		6.19	7.53
	2/16/2016		6.75	6.97
	3/14/2016		5.85	7.87
	4/25/2016		6.49	7.23
	5/16/2016		6.73	6.99
	6/17/2016		N/A	-
	7/20/2016		6.18	7.54
	8/20/2016		6.25	7.47
	9/19/2016		6.48	7.24
MCWP-MW08	8/24/2015	12.21	7.64	4.57
	9/21/2015		7.42	4.79
	10/20/2015		7.61	4.60
	11/16/2015		7.40	4.81
	12/14/2015		6.62	5.59
	1/14/2016		8.46	3.75
	2/16/2016		8.27	3.94
	3/14/2016		7.96	4.25
	4/25/2016		7.83	4.38
	5/16/2016		6.87	5.34
	6/17/2016		6.97	5.24
	7/20/2016		7.76	4.45
	8/20/2016		7.77	4.44
	9/19/2016		7.74	4.47
MCWP-MW10	8/24/2015	11.11	5.70	5.41
	9/21/2015		5.55	5.56
	10/20/2015		5.81	5.30
	11/16/2015		5.74	5.37
	12/14/2015		4.59	6.52
	1/14/2016		8.09	3.02
	2/16/2016		7.98	3.13
	3/14/2016		8.04	3.07
	4/25/2016		7.07	4.04
	5/16/2016		5.63	5.48
	6/17/2016		5.73	5.38
	7/20/2016		6.02	5.09
	8/20/2016		6.34	4.77
	9/19/2016		6.70	4.41

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
P-4	8/24/2015	12.155	4.58	7.58
	9/21/2015		4.47	7.69
	10/20/2015		4.71	7.45
	11/16/2015		4.65	7.51
	12/14/2015		3.52	8.64
	1/14/2016		6.93	5.23
	2/16/2016		6.88	5.28
	3/14/2016		6.92	5.24
	4/25/2016		6.00	6.16
	5/16/2016		4.57	7.59
	6/17/2016		4.68	7.48
	7/20/2016		4.95	7.21
	8/20/2016		5.27	6.89
	9/19/2016		5.63	6.53
P-9	8/24/2015	12.165	5.07	7.10
	9/21/2015		4.90	7.27
	10/20/2015		5.18	6.99
	11/16/2015		5.08	7.09
	12/14/2015		3.92	8.25
	1/14/2016		7.49	4.68
	2/16/2016		7.53	4.64
	3/14/2016		7.66	4.51
	4/25/2016		6.49	5.68
	5/16/2016		5.02	7.15
	6/17/2016		5.09	7.08
	7/20/2016		5.34	6.83
	8/20/2016		5.70	6.47
	9/19/2016		6.06	6.11
SMBRP-2	8/24/2015	13.131	6.04	7.09
	9/21/2015		5.91	7.22
	10/20/2015		6.16	6.97
	11/16/2015		6.09	7.04
	12/14/2015		4.84	8.29
	1/14/2016		8.80	4.33
	2/16/2016		8.54	4.59
	3/14/2016		8.58	4.55
	4/25/2016		7.59	5.54
	5/16/2016		6.07	7.06
	6/17/2016		6.14	6.99
	7/20/2016		6.36	6.77
	8/20/2016		6.73	6.40
	9/19/2016		7.11	6.02

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
SMBRP-6	8/24/2015	26.875	16.49	10.39
	9/21/2015		15.95	10.93
	10/20/2015		16.66	10.22
	11/16/2015		16.47	10.41
	12/14/2015		14.78	12.10
	1/14/2016		14.68	12.20
	2/16/2016		15.22	11.66
	3/14/2016		14.43	12.45
	4/25/2016		16.60	10.28
	5/16/2016		16.81	10.07
	6/17/2016		17.87	9.01
	7/20/2016		18.52	8.36
	8/20/2016		19.01	7.87
	9/19/2016		19.61	7.27
SMBRP-7B	8/24/2015	18.985	10.69	8.30
	9/21/2015		10.62	8.37
	10/20/2015		10.77	8.22
	11/16/2015		10.78	8.21
	12/14/2015		10.60	8.39
	1/14/2016		10.83	8.16
	2/16/2016		11.08	7.91
	3/14/2016		10.84	8.15
	4/25/2016		11.23	7.76
	5/16/2016		11.04	7.95
	6/17/2016		11.08	7.91
	7/20/2016		11.31	7.68
	8/20/2016		11.54	7.45
	9/19/2016		11.68	7.31
EC-RC-MW01	8/24/2015	48.69	28.74	19.95
	9/21/2015		29.02	19.67
	10/20/2015		28.76	19.93
	11/16/2015		29.38	19.31
	12/14/2015		29.32	19.37
	1/14/2016		28.93	19.76
	2/16/2016		29.18	19.51
	3/14/2016		28.76	19.93
	4/25/2016		29.40	19.29
	5/16/2016		29.18	19.51
	6/17/2016		29.38	19.31
	7/20/2016		29.73	18.96
	8/20/2016		30.02	18.67
	9/19/2016		30.64	18.05

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
SMBRP-9	8/24/2015	50.32	38.24	12.08
	9/21/2015		38.46	11.86
	10/20/2015		38.62	11.70
	11/16/2015		N/A	-
	12/14/2015		38.86	11.46
	1/14/2016		38.95	11.37
	2/16/2016		39.03	11.29
	3/14/2016		38.97	11.35
	4/25/2016		38.82	11.50
	5/16/2016		38.82	11.50
	6/17/2016		38.86	11.46
	7/20/2016		39.06	11.26
	8/20/2016		39.17	11.15
	9/19/2016		39.33	10.99
SMBRP-10C	8/24/2015	16.25	7.37	8.88
	9/21/2015		7.64	8.61
	10/20/2015		7.96	8.29
	11/16/2015		8.16	8.09
	12/14/2015		8.06	8.19
	1/14/2016		6.11	10.14
	2/16/2016		6.57	9.68
	3/14/2016		4.80	11.45
	4/25/2016		6.59	9.66
	5/16/2016		6.86	9.39
	6/17/2016		6.90	9.35
	7/20/2016		7.72	8.53
	8/20/2016		8.12	8.13
	9/19/2016		8.54	7.71
SMBRP-12	8/24/2015	12.615	7.52	5.10
	9/21/2015		6.91	5.71
	10/20/2015		6.72	5.90
	11/16/2015		6.75	5.87
	12/14/2015		6.42	6.20
	1/14/2016		6.95	5.67
	2/16/2016		6.85	5.77
	3/14/2016		6.09	6.53
	4/25/2016		6.76	5.86
	5/16/2016		6.40	6.22
	6/17/2016		5.39	7.23
	7/20/2016		6.05	6.57
	8/20/2016		6.85	5.77
	9/19/2016		6.44	6.18

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
SMBRP-13	8/24/2015	13.58	8.32	5.26
	9/21/2015		7.98	5.60
	10/20/2015		8.20	5.38
	11/16/2015		7.87	5.71
	12/14/2015		6.85	6.73
	1/14/2016		8.24	5.34
	2/16/2016		8.00	5.58
	3/14/2016		7.61	5.97
	4/25/2016		7.66	5.92
	5/16/2016		6.92	6.66
	6/17/2016		7.52	6.06
	7/20/2016		8.30	5.28
	8/20/2016		8.03	5.55
	9/19/2016		7.45	6.13
SMBRP-15B	8/24/2015	16.765	dry	-
	9/21/2015		dry	-
	10/20/2015		dry	-
	11/16/2015		dry	-
	12/14/2015		dry	-
	1/14/2016		dry	-
	2/16/2016		dry	-
	3/14/2016		dry	-
	4/25/2016		dry	-
	5/16/2016		dry	-
	6/17/2016		dry	-
	7/20/2016		dry	-
	8/20/2016		dry	-
	9/19/2016		dry	-
SMBRP-16	8/24/2015	14.5	4.95	9.55
	9/21/2015		4.96	9.54
	10/20/2015		5.34	9.16
	11/16/2015		5.55	8.95
	12/14/2015		5.59	8.91
	1/14/2016		3.79	10.71
	2/16/2016		4.60	9.90
	3/14/2016		5.27	9.23
	4/25/2016		4.65	9.85
	5/16/2016		4.92	9.58
	6/17/2016		5.15	9.35
	7/20/2016		5.49	9.01
	8/20/2016		5.72	8.78
	9/19/2016		5.92	8.58

Notes:

N/A: well not accessible

'- : no data available

TOC: top of well casing

ft bTOC: feet below top of well casing ft amsl: feet above mean sea level

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
MCWP-MW01	8/24/2015	17.9	10.22	7.68
	9/21/2015		9.71	8.19
	10/20/2015		10.00	7.90
	11/16/2015		9.91	7.99
	12/14/2015		9.23	8.67
	1/14/2016		10.45	7.45
	2/16/2016		11.02	6.88
	3/14/2016		10.53	7.37
	4/25/2016		10.89	7.01
	5/16/2016		10.70	7.20
	6/17/2016		10.75	7.15
	7/20/2016		11.09	6.81
	8/20/2016		11.30	6.6
	9/19/2016		11.13	6.77
MCWP-MW02	8/24/2015	18.06	10.39	7.67
	9/21/2015		9.92	8.14
	10/20/2015		10.25	7.81
	11/16/2015		10.16	7.90
	12/14/2015		9.14	8.92
	1/14/2016		10.68	7.38
	2/16/2016		11.13	6.93
	3/14/2016		10.72	7.34
	4/25/2016		11.08	6.98
	5/16/2016		10.55	7.51
	6/17/2016		10.82	7.24
	7/20/2016		11.10	6.96
	8/20/2016		11.35	6.71
	9/19/2016		11.59	6.47
MCWP-MW03	8/24/2015	15.31	7.65	7.66
	9/21/2015		7.52	7.79
	10/20/2015		7.78	7.53
	11/16/2015		7.34	7.97
	12/14/2015		6.75	8.56
	1/14/2016		8.38	6.93
	2/16/2016		8.43	6.88
	3/14/2016		8.05	7.26
	4/25/2016		8.63	6.68
	5/16/2016		8.35	6.96
	6/17/2016		8.50	6.81
	7/20/2016		8.30	7.01
	8/20/2016		8.87	6.44
	9/19/2016		8.23	7.08

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
MCWP-MW04D	8/24/2015	15.43	9.35	6.08
	9/21/2015		8.84	6.59
	10/20/2015		9.16	6.27
	11/16/2015		9.13	6.30
	12/14/2015		8.39	7.04
	1/14/2016		9.59	5.84
	2/16/2016		10.24	5.19
	3/14/2016		9.69	5.74
	4/25/2016		10.07	5.36
	5/16/2016		9.83	5.60
	6/17/2016		9.97	5.46
	7/20/2016		10.22	5.21
	8/20/2016		10.33	5.1
	9/19/2016		10.32	5.11
MCWP-MW05	8/24/2015	13.92	7.62	6.30
	9/21/2015		7.30	6.62
	10/20/2015		7.47	6.45
	11/16/2015		7.42	6.50
	12/14/2015		6.39	7.53
	1/14/2016		7.82	6.10
	2/16/2016		8.37	5.55
	3/14/2016		7.96	5.96
	4/25/2016		8.27	5.65
	5/16/2016		7.78	6.14
	6/17/2016		8.05	5.87
	7/20/2016		8.41	5.51
	8/20/2016		8.69	5.23
	9/19/2016		8.98	4.94
MCWP-MW06	8/24/2015	16.05	9.87	6.18
	9/21/2015		9.40	6.65
	10/20/2015		9.71	6.34
	11/16/2015		9.61	6.44
	12/14/2015		8.64	7.41
	1/14/2016		10.12	5.93
	2/16/2016		10.58	5.47
	3/14/2016		10.14	5.91
	4/25/2016		10.49	5.56
	5/16/2016		10.06	5.99
	6/17/2016		10.27	5.78
	7/20/2016		10.60	5.45
	8/20/2016		10.86	5.19
	9/19/2016		11.07	4.98

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
MCWP-MW07D	8/24/2015	13.21	7.51	5.70
	9/21/2015		7.44	5.77
	10/20/2015		7.67	5.54
	11/16/2015		7.27	5.94
	12/14/2015		6.59	6.62
	1/14/2016		8.32	4.89
	2/16/2016		8.32	4.89
	3/14/2016		7.92	5.29
	4/25/2016		8.47	4.74
	5/16/2016		8.26	4.95
	6/17/2016		8.45	4.76
	7/20/2016		8.18	5.03
	8/20/2016		8.77	4.44
	9/19/2016		8.12	5.09
MCWP-MW09	8/24/2015	16.3	5.69	10.61
	9/21/2015		5.42	10.88
	10/20/2015		5.68	10.62
	11/16/2015		5.50	10.80
	12/14/2015		4.75	11.55
	1/14/2016		6.37	9.93
	2/16/2016		6.42	9.88
	3/14/2016		6.04	10.26
	4/25/2016		6.38	9.92
	5/16/2016		5.85	10.45
	6/17/2016		5.96	10.34
	7/20/2016		6.44	9.86
	8/20/2016		6.54	9.76
	9/19/2016		6.26	10.04

Notes:
N/A: well not accessible
'- : no data available
TOC: top of well casing
ft bTOC: feet below top of well casing
ft amsl: feet above mean sea level

Table 1
Groundwater Elevations

Winter Canyon Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
LAMW-5S	8/24/2015	104.55	53.71	50.84
	9/21/2015		53.30	51.25
	10/20/2015		53.74	50.81
	11/16/2015		53.90	50.65
	12/14/2015		53.54	51.01
	1/14/2016		54.02	50.53
	2/16/2016		53.69	50.86
	3/14/2016		53.92	50.63
	4/25/2016		53.88	50.67
	5/16/2016		53.98	50.57
	6/17/2016		53.97	50.58
	7/20/2016		54.23	50.32
	8/20/2016		54.42	50.13
	9/19/2016		54.77	49.78
SMBRP-11	8/24/2015	18.35	8.88	9.47
	9/21/2015		8.70	9.65
	10/20/2015		8.36	9.99
	11/16/2015		8.64	9.71
	12/14/2015		8.35	10.00
	1/14/2016		8.00	10.35
	2/16/2016		8.30	10.05
	3/14/2016		7.89	10.46
	4/25/2016		8.63	9.72
	5/16/2016		8.62	9.73
	6/17/2016		8.39	9.96
	7/20/2016		8.00	10.35
	8/20/2016		8.44	9.91
	9/19/2016		8.56	9.79

Notes:
N/A: well not accessible
'- : no data available
TOC: top of well casing
ft bTOC: feet below top of well casing
ft amsl: feet above mean sea level

Table 2

Baseline Groundwater and Surface Water Analysis Matrix

Groundwater	*Baseline GW/SW Monitoring SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*SMMP MOU*	*SMMP MOU*	*SMMP MOU*	*SMMP MOU*	*SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*Baseline GW/SW Monitoring SMMP MOU*	*SMMP*	*SMMP*	*Baseline GW/SW Monitoring SMMP MOU*
Laboratory Analysis	LAMW-5S	SMBRP-9	SMBRP-12	SMBRP-13	MCWP-MW10	CCPE	MBCMW-9	SMBRP-7B	MCWP-MW-04S	MCWP-MW-04D	MCWP-MW07S	MCWP-MW07D	MCWP-MW09	MCWP-MW05	MCWP-MW06	TY-MW-1
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)	✓
Biological Oxygen Demand (BOD)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Turbidity (includes color and odor)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Total Suspended Solids	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Residual Chlorine	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Total Organic Carbon	✓	✓	✓	-	-	-	NS	-	✓	✓	✓	✓	✓	-	-	✓
Oil and Grease	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Nitrate and Nitrite as Nitrogen (calculation)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Organic Nitrogen (calculation)	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Total Nitrogen (includes TKN)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Total Phosphorous	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Constituents listed in Attachments A1 to A5 of MRP CI 10042																
Metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, mercury, nickel, selenium, thallium)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Asbestos	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Cyanide	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Perchlorate	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Fluoride	✓	✓	✓	-	-	-	NS	-	✓	✓	✓	✓	✓	-	-	✓
Combined Radium-226 and Radium-228	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Gross Alpha and Beta Particle Activity	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Tritium	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Strontium-90	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Uranium	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Volatile Organic Compounds (EPA Method 524.2)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB) (EPA Method 504.1)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Chlordane, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Polychlorinated Biphenyls, Toxaphene (EPA Method 505)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Alachlor, Atrazine, Simazine (EPA Method 507)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Bentazon, 2,4-D, Dalapon, Dinoseb, Pentachlorophenol, Picloram, 2,4,5-TP (Silvex) (EPA Method 515.3)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Benzo(a)pyrene, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Molinate, Thiobencarb (EPA Method 525.2)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Carbofuran, Oxamyl (EPA Method 531.1)	✓	✓	✓	-	-	-	NS	-	✓	✓	✓	✓	✓	-	-	✓
Glyphosate (EPA Method 547)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Endothall (EPA Method 548.1)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Diquat (EPA Method 549.2)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
2,3,7,8-TCDD (Dioxin) (EPA Method 1613)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Trihalomethanes	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Haloacetic Acids	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Bromate	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Chlorite	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Metals (aluminum, copper, iron, manganese, silver, zinc) (included in	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Color and Odor (included in turbidity above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Foam agents (MBAS) (included above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Methyl-tert-butyl ether (MTBE) (included in Volatile Organic Compounds above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Thiobencarb (included in EPA Method 525.2 above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Constituents of Emerging Concern in Attachment C of MRP CI 10042																
17β-Estradiol	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Caffeine	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
n-Nitrosodimethylamine (NDMA)	✓	✓	✓	-	-	-	NS	-	✓	✓	✓	✓	✓	-	-	✓
Triclosan	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
n,n-Diethyl-meta-toluamide (DEET)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Sucralose	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Priority Pollutants listed in Attachment D of MRP CI 10042																
Metals (antimony, arsenic, barium, beryllium, cadmium, chromium	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Chromium VI	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Cyanide (included above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Asbestos (included above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
2,3,7,8-TCDD (included above)	✓	✓	✓	-	-	-	NS	-	✓	✓	✓	✓	✓	-	-	✓
Volatile Organic Compounds (EPA Method 624)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Semivolatile Organic Compounds (EPA Method 625)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Pesticides (EPA Method 625)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓
Polychlorinated Biphenyls (included above)	✓	✓	✓	-	-	-		-	✓	✓	✓	✓	✓	-	-	✓

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 Dry

- : Sampling & analysis not required

Table 3
Surface Water Quality Analytical Results

Location	Monitoring Depth	Well ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)					
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Phosphorous, Total
Near Shore	Ankle Depth	N-001	9/25/2015	70	46	<0.1	<0.1	<0.5	<0.2	<0.5	1.760
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.775
			3/18/2016	<1.8	<1.8	0.1	<0.1	0.937	<0.2	0.937	0.400
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.658
			9/23/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.970
		N-002	9/25/2015	13	13	<0.1	<0.1	<0.5	<0.2	<0.5	1.480
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.380
			3/18/2016	<1.8	<1.8	0.1	<0.1	<0.5	<0.2	<0.5	1.420
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.030
			9/23/2016	240	6.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.300
		N-003	9/25/2015	11	4	<0.1	<0.1	<0.5	<0.2	<0.5	0.347
			12/1/2015	14	14	<0.1	<0.1	<0.5	<0.2	<0.5	1.460
			3/18/2016	13	<1.8	0.1	<0.1	0.865	<0.2	0.865	<0.1
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	<0.1
			9/23/2016	2	2	<0.1	<0.1	<0.5	<0.2	<0.5	1.460
		N-004	9/25/2015	14	9.3	<0.1	<0.1	<0.5	<0.2	<0.5	0.288
			12/1/2015	2	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.010
			3/18/2016	2	<1.8	0.1	<0.1	<0.5	<0.2	<0.5	0.648
			6/16/2016	6.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.250
			9/23/2016	4.5	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	1.290

Table 3
Surface Water Quality Analytical Results

Location	Monitoring Depth	Well ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)					
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl 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	0.558
			12/1/2015	350	33	<0.1	<0.1	0.837	<0.2	0.837	0.218
			3/18/2016	350	23	0.3	<0.1	1.99	<0.2	1.99	0.635
			6/16/2016	350	4.5	<0.1	<0.1	0.696	<0.2	0.696	0.178
			9/23/2016	540	79	<0.1	<0.1	1.04	<0.2	1.04	0.153
		L-002	9/25/2015	920	49	<0.1	<0.1	1.83	<0.2	1.83	0.404
			12/1/2015	540	33	<0.1	<0.1	0.591	<0.2	0.591	0.226
			3/18/2016	280	49	0.6	<0.1	0.852	<0.2	0.852	0.379
			6/16/2016	33	2	<0.1	<0.1	0.964	<0.2	0.964	<0.1
			9/23/2016	14	4.5	0.1	<0.1	0.77	<0.2	0.77	<0.1
		L-003	9/25/2015	540	70	<0.1	<0.1	2.35	<0.2	2.35	0.379
			12/1/2015	240	17	<0.1	<0.1	<0.5	<0.2	<0.5	0.213
			3/18/2016	240	23	0.6	<0.1	1.03	<0.2	1.03	0.397
			6/16/2016	79	4	<0.1	<0.1	<0.5	<0.2	<0.5	0.139
			9/23/2016	23	4.5	<0.1	<0.1	1.21	<0.2	1.21	<0.1
		L-004	9/25/2015	170	23	<0.1	<0.1	2.67	<0.2	2.67	0.266
			12/1/2015	170	130	<0.1	<0.1	0.583	<0.2	0.583	0.200
			3/18/2016	350	170	0.5	<0.1	0.798	<0.2	0.798	0.350
			6/16/2016	49	2	<0.1	<0.1	0.667	<0.2	0.667	0.114
			9/23/2016	17	4.5	<0.1	<0.1	0.627	<0.2	0.627	<0.1
		L-005	9/25/2015	350	49	<0.1	<0.1	3.8	<0.2	3.8	0.372
			12/1/2015	350	49	<0.1	<0.1	<0.5	<0.2	<0.5	0.123
			3/18/2016	540	350	1.6	<0.1	1.37	<0.2	1.37	0.661
			6/16/2016	26	6.8	<0.1	<0.1	1.16	<0.2	1.16	0.133
			9/23/2016	7.8	7.8	<0.1	<0.1	<0.5	<0.2	0.53	<0.1
		L-006	9/25/2015	170	170	<0.1	<0.1	3.59	<0.2	3.67	0.320
			12/1/2015	350	49	<0.1	<0.1	<0.5	<0.2	<0.5	0.168
			3/18/2016	920	130	0.4	<0.1	1.46	<0.2	1.46	0.366
			6/16/2016	17	7.8	<0.1	<0.1	1.18	<0.2	1.18	0.172
			9/23/2016	7.8	7.8	<0.1	<0.1	1.24	<0.2	1.24	<0.1

Notes:

mg/L: milligrams per liter

MPN/100mL: Most Probable Number per 100 milliliters

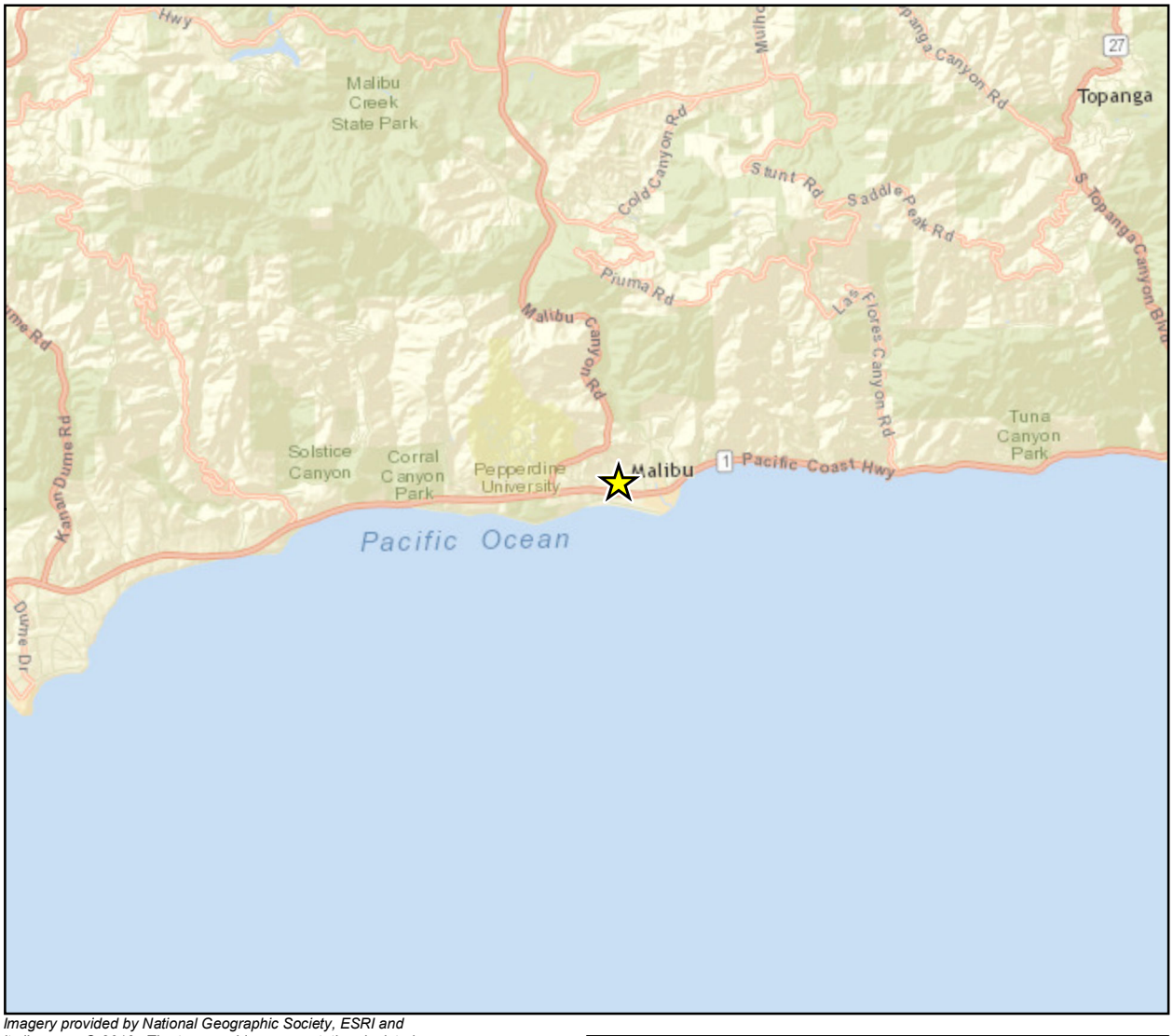
BSW: below surface water

<: not detected above the Practical Quantitation Limit (PQL)

Table 4
Groundwater Analytical Results

			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
SMBRP-7B	25 feet	12/15/2015	11	<1.8	-	<0.1	-	<0.1	<0.5	<0.2	0.552	-	0.478	-	-	3090	-
		3/15/2016	110	11	-	<0.1	-	<0.1	1.37	<0.2	1.37	-	0.916	-	-	1400	-
		9/20/2016	<1.8	<1.8	-	<0.1	-	<0.1	<0.5	0.215	0.618	-	0.445	-	-	3920	-
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	2100	309
		3/15/2016	<1.8	<1.8	-	<0.1	-	15.1	<0.5	<0.2	<0.5	-	0.462	-	-	2100	-
		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	1940	213
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	2140	478
		3/15/2016	<1.8	<1.8	-	<0.1	-	<0.1	2.9	5.67	8.57	-	1.43	-	-	2290	-
		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	7930	3140
SMBRP-13	19 feet	12/15/2015	4.5	<1.8	-	<0.1	-	<0.1	<0.5	0.2	<0.5	-	0.316	-	-	1810	-
		3/15/2016	<1.8	<1.8	-	<0.1	-	<0.1	0.556	0.884	1.44	-	0.461	-	-	27500	-
		9/21/2016	<1.8	<1.8	-	<0.1	-	0.1	<0.5	<0.2	<0.5	-	<0.1	-	-	3320	-
MBCMW-9	9 feet	9/23/2015	*well was 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 was dry at time of sampling*														
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	6510	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	-	-	6320	-
		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	6750	744
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	1630	216
		3/17/2016	<1.8	<1.8	-	<0.1	-	1.7	<0.5	<0.2	<0.5	-	<0.1	-	-	1600	-
		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	1550	232
MCWP-MW05	154 feet	9/23/2015	-	-	-	-	-	2.3	-	-	-	-	-	-	-	1400	-
		3/17/2016	-	-	-	-	-	2.1	-	-	-	-	-	-	-	1400	-
		9/22/2016	-	-	-	-	-	2.2	-	-	-	-	-	-	-	1450	-
MCWP-MW06	138 feet	9/23/2015	-	-	-	-	-	0.2	-	-	-	-	-	-	-	1590	-
		3/16/2016	-	-	-	-	-	0.1	-	-	-	-	-	-	-	1520	-
		9/21/2016	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	1550	-
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	1230	227
		3/16/2016	49	<1.8	-	0.24	-	4.8	<0.5	<0.2	<0.5	-	2.39	-	-	1180	-
		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	1160	217
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	2300	348
		3/16/2016	<1.8	<1.8	-	<0.1	-	<0.1	1.15	<0.2	1.15	-	0.239	-	-	2470	-
		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	1680	229
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	2570	723
		3/15/2016	<1.8	<1.8	-	<0.1	-	<0.1	0.84	2.36	3.2	-	0.355	-	-	2410	-
		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	4920	1740
MCWP-MW10	22 feet	9/29/2015	2	<1.8	-	-	-	0.4	<1	<0.2	<1	-	<0.1	-	-	1550	-
		3/15/2016	2	<1.8	-	<0.1	-	0.6	1.28	<0.2	1.28	-	<0.1	-	-	1800	-
		9/20/2016	<1.8	<1.8	-	<0.1	-	0.7	<0.5	<0.2	<0.5	-	<0.1	-	-	1730	-
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	2170	410
		3/16/2016	<1.8	<1.8	-	<0.1	-	<0.1	1.03	0.433	1.46	-	0.758	-	-	2160	-
		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	2290	396
CCPE	52 feet	9/23/2015	>1,600	49	-	-	-	1.4	<1	<0.2	<1	-	<0.1	-	-	1630	-
		3/15/2016	240	4.5	-	<0.1	-	0.9	0.664	<0.2	0.664	-	<0.1	-	-	1800	-
		9/20/2016	540	<1.8	-	<0.1	-	0.9	<0.5	<0.2	<0.5	-	<0.1	-	-	2880	-

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



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Project Location

N

0 1 2

Miles

Vicinity Map

Figure 1

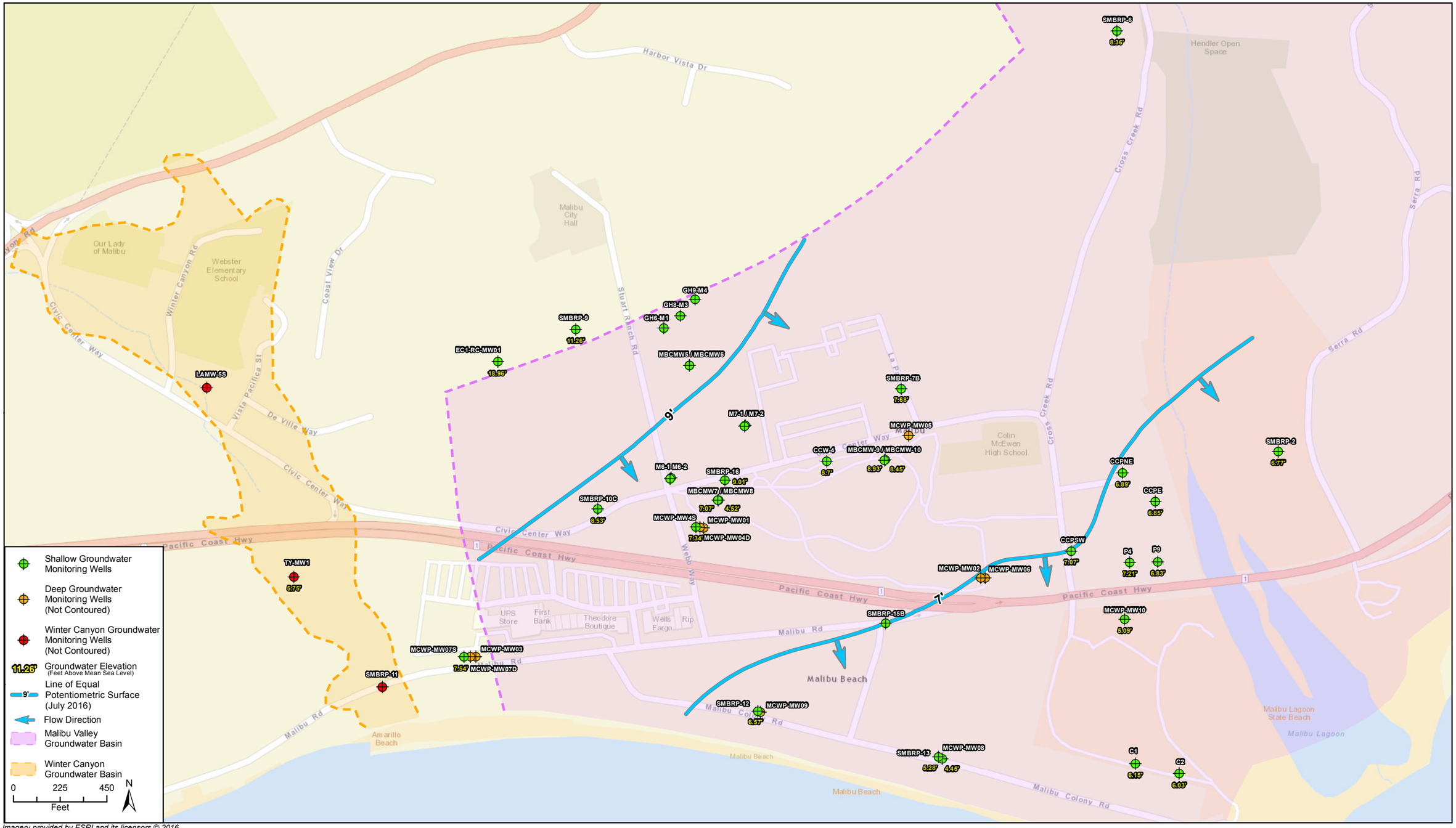


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Site Map - Civic Center Monitoring Locations

Figure 2

Rincon Consultants Inc.

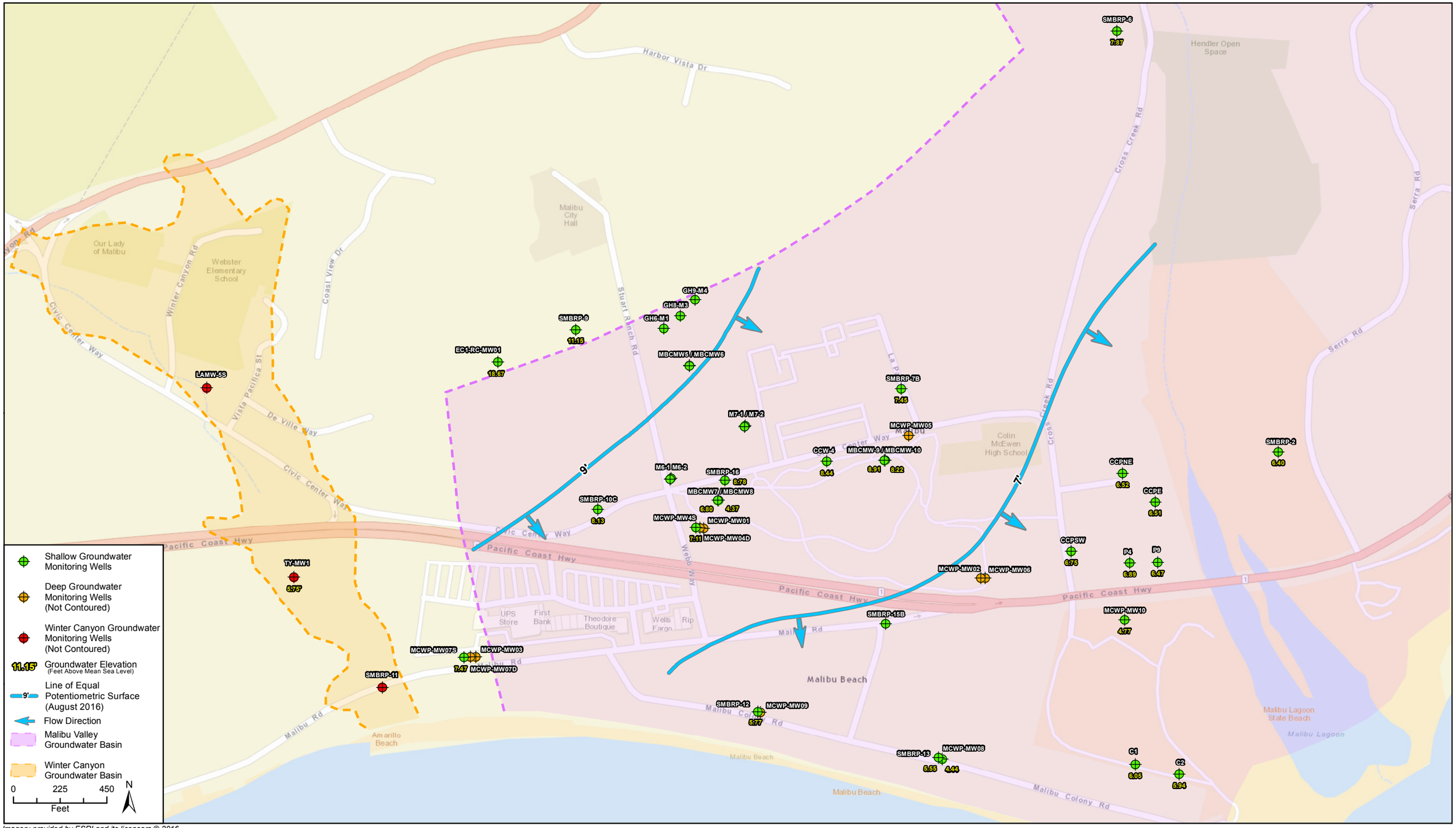


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Shallow Groundwater Elevations
July 2016

Figure 3

Rincon Consultants Inc.

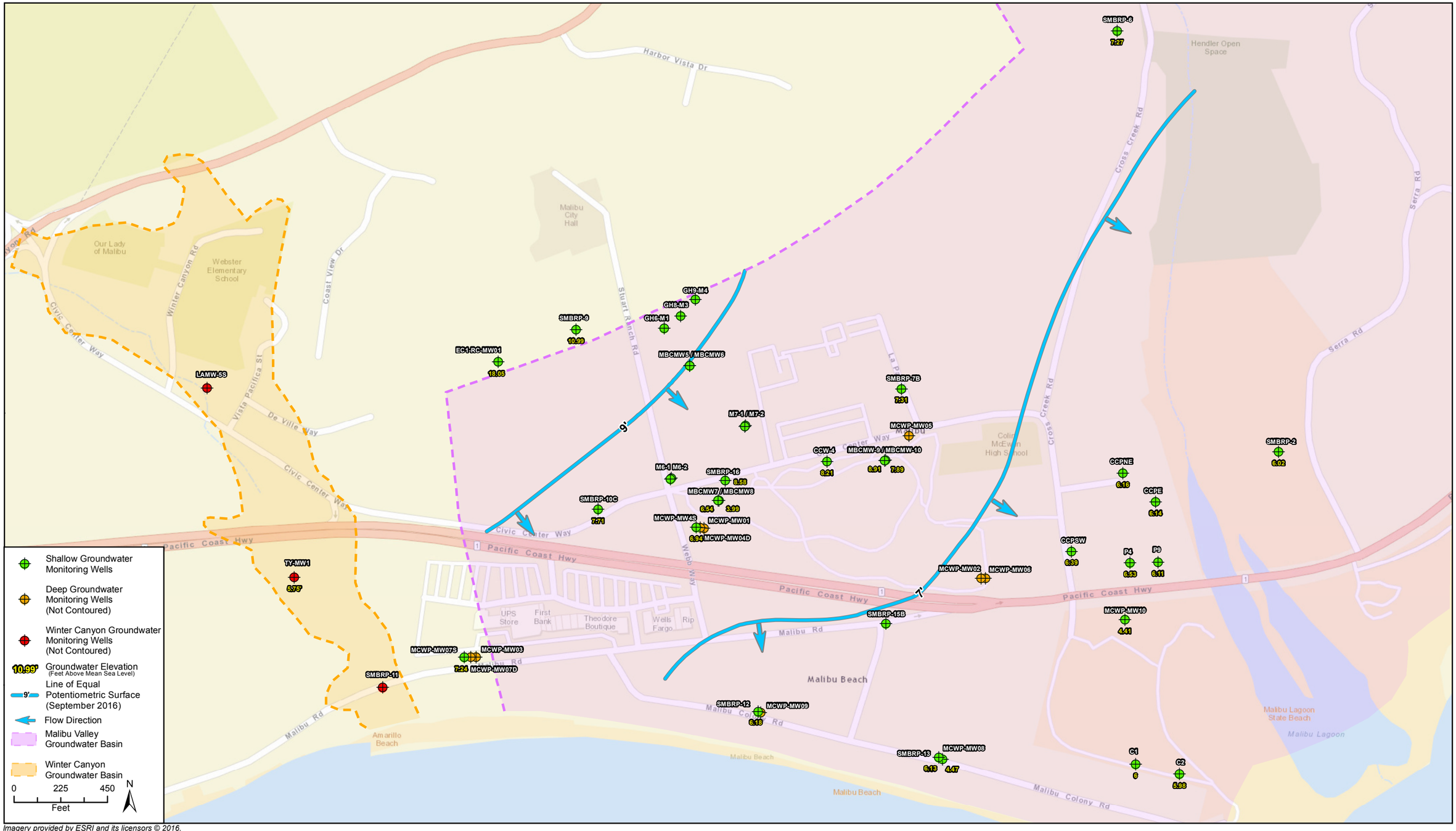


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Shallow Groundwater Elevations
August 2016

Figure 4

Rincon Consultants Inc.



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Shallow Groundwater Elevations
September 2016

Figure 5

Appendix A

Groundwater and Surface Water Field Sheets

7-20-16
Sampler - Peter Shellenbarger

① Collect GPS Coordinates of each GW Well
② Tag each Depth to Water
③ Collect GPS @ TY-MW-1

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 7/20/2016	Time	Depth to Water 8/24/2015 (ft bTOC)	
1	C-1	14.5	n/a	11.47	5.32	1303	n/a	
2	C-2	14.5	2	11.19	5.16	1258	5.11	
3	CCPE	20	2	12.935	6.09	1342	5.76	
4	CCPNE		2	13.675	6.79	1346	6.44	
5	CCPSW		2	13.67	6.60	1416	6.29	
6	CCW-4		1	15.765	7.07	0920	6.5	
7	GH6-M1	35	2		29.49	1458	28.92	
8	GH8-M3	40	2		28.90	1502	28.37	
9	GH9-M4	45	2		30.90	1506	30.31	
10	Lagoon		n/a		NA	NA	n/a	
11	LAMW-5S	20	4	104.55	54.23	1601	53.71	
12	M6-1	45	2		7.34	1516	6.61	
13	M6-2	20	2		6.21	1513	5.76	
14	M7-1	40	2		8.54	1454	8.09	
15	M7-2	25	2		8.05	1452	7.78	
16	MBCMW-5	19.4	n/a	29.03	NA	NA	n/a	
17	MBCMW-6	64.26	n/a	29.02	NA	NA	n/a	
18	MBCMW-7	52.5	2	16.635	12.12	0915	11.26	
19	MBCMW-8	10	2	16.53	9.46	0912	9.11	
20	MBCMW-9	10	2	17.71	8.78	0928	8.7	
21	MBCMW-10	53	2	17.74	9.29	0926	8.63	
22	MCWP-MW01	148	6		11.09	1448	10.22	
23	MCWP-MW02	145	6	18.06	11.10	1424	10.39	
24	MCWP-MW03	134	6		8.30	0942	7.65	
25	MCWP-MW04D	148	4		10.22	1437	9.35	
26	MCWP-MW04S	20	4		7.95	1435	7.55	
27	MCWP-MW05	158	4		8.41	0924	7.62	

28	MCWP-MW06	153	2		10.60	1422	9.87	*
29	MCWP-MW07D	134	2		8.18	0944	7.51	*
30	MCWP-MW07S	20	2		6.18	0947	6.76	*
31	MCWP-MW08	77	2		7.76	1530	7.64	*
32	MCWP-MW09	95	2	16.3	6.44	1543	7.52	*
33	MCWP-MW10	60	2		6.02	1247	5.7	*
34	P-4	12.5	4	12.155	4.95	1335	4.58	*
35	P-9	14.3	4	12.165	5.34	1338	5.07	*
36	SMBRP-2	25	2	13.131	6.36	1315	6.04	*
37	SMBRP-6	25	2	26.875	18.52	1326	16.49	*
38	SMBRP-7b	45	2	18.985	11.31	0935	10.69	*
39	SMBRP-8 (EG-RC	60	4		29.73	0850	28.74	* tell elevation here
40	SMBRP-9	45	2	50.32	39.06	0830	38.24	*
41	SMBRP-10C	25	2	16.25	7.72	1557	7.37	*
42	SMBRP-11	20	2	18.35	8.00	0951	8.88	*
43	SMBRP-12	25	2	12.615	6.05	1541	5.69	*
44	SMBRP-13	20	2	13.58	8.30	1526	8.32	*
45	SMBRP-15b	25	1	16.765	Dry		dry, recorded depth 8	* 7.33*
46	SMBRP-16	25	2	14.5	5.49	0910	4.95	*

- TOC is between 6-12" From Well Box Lid where GPS/Trimble recording.

- Malibu Lagoon very high Stage

- No water in Malibu Creek → near SMBRP-6
  ↳ algae growth on creek bed


Legend
Monthly Transducer Well
Monthly
Other Well
Lagoon-before
0
500
Feet
earthforensics, inc.
MONTHLY
GROUNDWATER WELLS
Civic Center Area
Malibu, CA
1

August 16, 2016
Malibu Civic Center
DTW event Arrive 0930
70F, light breeze NW, clear w/ haze
Completed 1315

Rincon Consultants
Peter Shellenbarger (PS)

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 7/20/2016	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	5.42	1119	n/a
2	C-2	14.5	2	11.19	5.25	1116	5.11
3	CCPE	20	2	12.935	6.43	1056	5.76
4	CCPNE		2	13.675	7.16	1100	6.44
5	CCPSW		2	13.67	6.92	1103	6.29
6	CCW-4		1	15.765	7.33	1013	6.5
7	GH6-M1	35	2		29.58	1305	28.92
8	GH8-M3	40	2		29.08	1302	28.37
9	GH9-M4	45	2		31.09	1259	30.31
10	Lagoon		n/a		N/A	N/A	n/a
11	LAMW-5S	20	4	104.55	54.42	0946	53.71
12	M6-1	45	2		7.61	1313	6.61
13	M6-2	20	2		6.42	1309	5.76
14	M7-1	40	2		8.74	1254	8.09
15	M7-2	25	2		8.26	1252	7.78
16	MBCMW-5	19.4	n/a	29.03	N/A	N/A	n/a
17	MBCMW-6	64.26	n/a	29.02	N/A	N/A	n/a
18	MBCMW-7	52.5	2	16.635	12.27	1010	11.26
19	MBCMW-8	10	2	16.53	9.73	1008	9.11
20	MBCMW-9	10	2	17.71	8.80	1021	8.7
21	MBCMW-10	53	2	17.74	9.52	1019	8.63
22	MCWP-MW01	148	6		11.30	1148	10.22
23	MCWP-MW02	145	6	18.06	11.35	1131	10.39
24	MCWP-MW03	134	6		8.87	1205	7.65
25	MCWP-MW04D	148	4		10.33	1145	9.35
26	MCWP-MW04S	20	4		8.18	1140	7.55
27	MCWP-MW05	158	4		8.69	1017	7.62

— missing Bolts

- Creek completely Dry & Algae Dry @ Bridge around SMBRP-6 in the Serra Retreat
- Malibu Lagoon full Storage → Berm enclosed mouth

28	MCWP-MW06	153	2		10.86	1128	9.87
29	MCWP-MW07D	134	2		8.77	1208	7.51
30	MCWP-MW07S	20	2		6.25	1211	6.76
31	MCWP-MW08	77	2		7.77	1225	7.64
32	MCWP-MW09	95	2	16.3	6.54	1229	7.52
33	MCWP-MW10	60	2		6.34	1107	5.7
34	P-4	12.5	4	12.155	5.27	1052	4.58
35	P-9	14.3	4	12.165	5.70	1054	5.07
36	SMBRP-2	25	2	13.131	6.73	1044	6.04
37	SMBRP-6	25	2	26.875	19.01	1036	16.49
38	SMBRP-7b	45	2	18.985	11.54	1026	10.69
39	SMBRP-8 (EG-RC	60	4		30.02	1000	28.74
40	SMBRP-9	45	2	50.32	39.17	0957	38.24
41	SMBRP-10C	25	2	16.25	8.12	0952	7.37
42	SMBRP-11	20	2	18.35	8.44	1218	8.88
43	SMBRP-12	25	2	12.615	6.85	1232	5.69
44	SMBRP-13	20	2	13.58	8.03	1223	8.32
45	SMBRP-15b	25	1	16.765	Dry	Dry	dry, recorded depth ~~8.77~~ 7.49
46	SMBRP-16	25	2	14.5	5.72	1007	4.95


Legend
Monthly Transducer Well
Monthly
Other Well
SMBRP-6
SMBRP-5
GH8-M3
GH8-M4
GH8-M1
ECLWC-MW04
LAMW-5S
MBC-MW
MBCMW-5
M7-1
SMBRP-7B
MCWP-MW05
CCW-1
M6-1
SMBRP-16
MBCMW-6
SMBRP-2
SCPNE
SMBRP-15C
MBCMW-8
MBCMW-10
M6-2
MBCMW-7
CCPS
CCPSW
MCWP-MW04
MCWP-MW02
MCWP-MW01D
MCWP-MW04S
Lagoon-before
SMBRP-15b
MCWP-MW07S
MCWP-MW08
MCWP-MW07D
SMBRP-11
SMBRP-12
MCWP-MW09
SMBRP-13
MCWP-MW06
C-4
C-2
500
Feet
earthforensics, inc.
MONTHLY
GROUNDWATER WELLS
Civic Center Area
Malibu, CA
2012 198
1

9-19-16 Peter Shellenbarger
DTW Malibu Civic Center Cody Wilgus

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 9/19/2016	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	5.47	1015	n/a
2	C-2	14.5	2	11.19	5.21	1011	5.11
3	CCPE	20	2	12.935	6.80	1028	5.76
4	CCPNE		2	13.675	7.52	1031	6.44
5	CCPSW		2	13.67	7.28	1034	6.29
6	CCW-4		1	15.765	7.56	0932	6.5
7	GH6-M1	35	2		29.69	1131	28.92
8	GH8-M3	40	2		29.19	1128	28.37
9	GH9-M4	45	2		31.18	1126	30.31
10	Lagoon		n/a				n/a
11	LAMW-5S	20	4	104.55	54.7	900	53.71
12	M6-1	45	2		7.87	1137	6.61
13	M6-2	20	2		6.61	1135	5.76
14	M7-1	40	2		8.88	1120	8.09
15	M7-2	25	2		8.42	1119	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	12.65	0927	11.26
19	MBCMW-8	10	2	16.53	9.99	0928	9.11
20	MBCMW-9	10	2	17.71	8.80	0939	8.7
21	MBCMW-10	53	2	17.74	9.85	0937	8.63
22	MCWP-MW01	148	6		11.13	1044	10.22
23	MCWP-MW02	145	6	18.06	11.59	1038	10.39
24	MCWP-MW03	134	6		8.23	1053	7.65
25	MCWP-MW04D	148	4		10.32	1042	9.35
26	MCWP-MW04S	20	4		8.35	1046	7.55
27	MCWP-MW05	158	4		8.98	0935	7.62

20 drums @ City Hall

lagoon Stage: Full-> closed Berm

Malibu Creek Dry @ SMBRP-6

MCWP-MW03 on Malibu Rd. well open upon arrival @ 1053
Locks bolts @ well

28	MCWP-MW06	153	2		11.07	1036	9.87
29	MCWP-MW07D	134	2		8.12	1055	7.51
30	MCWP-MW07S	20	2		6.48	1057	6.76
31	MCWP-MW08	77	2		7.74	1154	7.64
32	MCWP-MW09	95	2	16.3	6.26	1200	7.52
33	MCWP-MW10	60	2		6.70	1005	5.7
34	P-4	12.5	4	12.155	5.63	1023	4.58
35	P-9	14.3	4	12.165	6.06	1025	5.07
36	SMBRP-2	25	2	13.131	7.11	0957	6.04
37	SMBRP-6	25	2	26.875	19.61	0948	16.49
38	SMBRP-7b	45	2	18.985	11.68	0942	10.69
39	SMBRP-8 (EG-RC	60	4		30.64	0913	28.74
40	SMBRP-9	45	2	50.32	39.33	0909	38.24
41	SMBRP-10C	25	2	16.25	8.54	0905	7.37
42	SMBRP-11	20	2	18.35	8.56	1100	8.88
43	SMBRP-12	25	2	12.615	6.44	1158	5.69
44	SMBRP-13	20	2	13.58	7.45	1153	8.32
45	SMBRP-15b	25	1	16.765	Dry 7.33	1205	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	5.92	0925	4.95


Legend
Monthly Transducer Well
Monthly
Other Well
0
500
Feet
earthforensics, inc.
MONTHLY
GROUNDWATER WELLS
Civic Center Area
Malibu, CA
2012, Hill
MDWP
1

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: Purge 9.19.16 / Sample 9.20.16
Project/Location **Malibu, CA - Civic Center Area**	Well Number: LAMW5S
Observation Period Start: 1225 Stop: 1330	Survey Reference Point: **TOC**
Sampled By: P. Shellenbarger	Witnessed By: CW

PURGING DATA

Type of Pump	Grundfos 2	Pump Inlet Depth (ft)	60
Well Diameter (in)	4inch	Depth of Well (ft)	73.43
Initial/Static Depth to Water (ft)	54.77	Length of Water Column (ft)	18.66
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	12.13	Three Casing Volumes (gal)	36.40
Purge Time, Start	1250	Purge Time, Stop	1308
Total Purge Time (minutes)	18	Purge Rate (gpm)	1.16
Purge Volume (gal)	21	Depth to Water (ft) at Sampling	54.71

CASING OR BOREHOLE VOLUME

5 gallon

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	12	24	36				At Sampling
TDS (ppm) Sensor instrument		malfunction!		—				635
Turbidity (measured or visual) cloudy, clear, muddy	clear	slightly cloudy	Brn mud	@	gallons.			clear
Temperature (C)	26.10	24.93	Dry					26.20
Conductivity (~~micromhos~~ µS/cm)	1465	1410		21				1465
pH	6.80	6.98						7.94
Dissolved Oxygen (mg/L & ~~%~~)	11.51	12.5						10.81
Comments:								
Depth to Water at End of Purge (ft)				73.43				
Speed = 105 V Drawdown (ft)				18.66				

MISCELLANEOUS DATA

Condition of Traffic Box: Good Sample 0950 - 1015

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

Water Level Indicator: **Solinst Model 101**

Weather Conditions: 75°F, No wind, Partially cloudy

Comments: Sampled at: 1000 9.20.16

Well Recovery Calculation

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

54.77 + 0.2 * 18.66 = 58.50

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: Purge 9.19.16 / Sample 9.20.16
Project/Location Malibu, CA - Civic Center Area	Well Number: MCWP-MW07S
Observation Period Start: ~~1335~~ 1340 Stop: 1400	Survey Reference Point: TOC
Sampled By: D. Shellenbarger	Witnessed By: CW

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	10 ft
Well Diameter (in)	2 inch	Depth of Well (ft)	17.22
Initial/Static Depth to Water (ft)	6.48	Length of Water Column (ft)	10.74
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.71	Three Casing Volumes (gal)	5.15
Purge Time, Start	1340	Purge Time, Stop	1351
Total Purge Time (minutes)	11	Purge Rate (gpm)	0.4
Purge Volume (gal)	~~3~~ 4.5	Depth to Water (ft) at Sampling	6.50

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 gallons

Volume Pumped (gal)	Before Purge	1.7	3.4	5.15				At Sampling
TDS (ppm) TDS	instrument		malfunction					857
Turbidity (measured or visual) cloudy, clear, muddy	clear milky	milky brn	milky brn		C			milky
Temperature (C)	23.0	22.61	22.67	DM		gallons		30.61
Conductivity (mS/cm micromhos)	1948	1022	1885		4.5 gallons			2242
pH	7.42	7.42	7.41					7.66
Dissolved Oxygen (mg/L & %)	~~10~~ 9.30	9.49	9.44					2.22
Comments:								
speed = 35V	Depth to Water at End of Purge (ft)			17.22				
	Drawdown (ft)			10.74				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good Sampled 1110 - 1200 (10 min recharge time)
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	60s, windy, cloudy, looks like rain

Comments:

Sampled at: ~~1200~~ 1110 9.20.16

Well Recovery Calculation

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

6.48 + 0.2 * 10.74 = 8.69

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: Purge 9.19.16 / Sample 9.20.16	
Project/Location Malibu, CA - Civic Center Area		Well Number: SMBRP-9	
Observation Period Start: 1445	Stop: 1515	Survey Reference Point: TOC	
Sampled By: P. Shellenbarger		Witnessed By: CW & RS	

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	40
Well Diameter (in)	2 inch	Depth of Well (ft)	45
Initial/Static Depth to Water (ft)	39.33	Length of Water Column (ft)	5.67
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	0.91	Three Casing Volumes (gal)	2.72
Purge Time, Start	1454	Purge Time, Stop	1458
Total Purge Time (minutes)	4 min	Purge Rate (gpm)	0.625
Purge Volume (gal)	2.5	Depth to Water (ft) at Sampling	39.36

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	0.91	1.82	2.72				At Sampling
TDS (ppm)	instrument	malfunction	———	———				1298
Turbidity (measured or visual) cloudy, clear, muddy	Brn light muddy	Brn clear milky	——▷					Brn clear milky
Temperature (C)	25.57	23.53	23.23	Dry @ 2.5 gallons				23.63
Conductivity (micromhos) us/cm	3110	1608	1656					3003
pH	7.62	7.40	7.44					7.37
Dissolved Oxygen (mg/L & %)	8.18	9.46	9.54					9.08
Comments:								
Depth to Water at End of Purge (ft)				45				
Speed - 70V Drawdown (ft)				5.67				

9.20.16

MISCELLANEOUS DATA

Condition of Traffic Box:	Good — Sample time 0815 - 0915
Drum Identification labeling:	Non-Hazardous Waste — Lo recharge during purge; Dry well 1/2 way thru
Water Level Indicator:	Solinst Model 101
Weather Conditions:	65, cloudy, windy NW @ 10-15

Comments: Sampled at: 0830 ~~0915~~ 9.20.16

Well Recovery Calculation

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

39.33 + 0.2 * 5.67 = 40.46

Back @ 0915

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: Purge 9.19.16 / Sample 9.20.16
Project/Location **Malibu, CA - Civic Center Area**	Well Number: MBCMW-9
Observation Period Start: 1520 Stop: 1530	Survey Reference Point: **TOC**
Sampled By: P. Shellenbarger	Witnessed By: CW & RS

PURGING DATA

Type of Pump	Bailer	Pump Inlet Depth (ft)	—
Well Diameter (in)	2 inch	Depth of Well (ft)	9.20
Initial/Static Depth to Water (ft)	8.80	Length of Water Column (ft)	0.40
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	0.064	Three Casing Volumes (gal)	0.192
Purge Time, Start	—	Purge Time, Stop	—
Total Purge Time (minutes)	—	Purge Rate (gpm)	—
Purge Volume (gal)	—	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					9.20-16		At Sampling
TDS (ppm)					Depth to initial static water	9.18		
Turbidity (measured or visual) cloudy, clear, muddy								
Temperature (C)								
Conductivity (micromhos)								
pH								
Dissolved Oxygen (mg/L & %)								
Comments:								
Depth to Water at End of Purge (ft)								
Drawdown (ft)								

Baled 9 inches of water in Bailer 9.19.16

Well Dry

9.20.16 - Well Dry Cannot Sample 0.02 Water Column

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	65, humid, cloudy, windy, "tropical

Comments: Sampled at: —

Well Recovery Calculation

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

9.20 + 0.2 * 0.40 = —

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 9.20.16
Project/Location **Malibu, CA - Civic Center Area**	Well Number: SMBRP-7B
Observation Period Start: 1244 Stop: 1430	Survey Reference Point: **TOC**
Sampled By: P. Shellenbarger & Rym Stewart	Witnessed By: RS & DS

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	17
Well Diameter (in)	2inch	Depth of Well (ft)	25.13
Initial/Static Depth to Water (ft)	11.68	Length of Water Column (ft)	13.45
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.15	Three Casing Volumes (gal)	6.45
Purge Time, Start	1257	Purge Time, Stop	1311
Total Purge Time (minutes)	14	Purge Rate (gpm)	0.46
Purge Volume (gal)	6.45	Depth to Water (ft) at Sampling	1536

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 gallons

Volume Pumped (gal)	Before Purge	2.15	4.3	6.45				At Sampling
TDS (ppm)	1295	1147	1582	1835			instrument overheated	
Turbidity (measured or visual) cloudy, clear, muddy	cloudy	cloudy	cloudy	cloudy				cloudy
Temperature (C)	32.6	25.46	24.88	25.30				27.54
Conductivity (micromhos)	3135	2745	3818	4470	excessive recharge on			4660
pH	7.27	7.40	7.26	7.34				7.68
Dissolved Oxygen (mg/L & %)	3.72	0.61	0.70	0.61	waiting hold			3.66
Comments:					late times			
speed - 43V		Depth to Water at End of Purge (ft)		18.39				
		Drawdown (ft)		6.71				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	75°F, light wind, partially

Comments:

Sampled at: 1400

Well Recovery Calculation

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

11.68 + 0.2 * 6.71 = 13.02

Depth @ 1536

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: ~~SCPE~~ 9.20.16	
Project/Location **Malibu, CA - Civic Center Area**		Well Number: CCPE	
Observation Period Start: 1445	Stop: ~~1515~~ 1515	Survey Reference Point: **TOC**	
Sampled By: DS & RS		Witnessed By: DS & RS	

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	12
Well Diameter (in)	2 inch	Depth of Well (ft)	52.7
Initial/Static Depth to Water (ft)	6.83	Length of Water Column (ft)	45.87
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	7.34	Three Casing Volumes (gal)	22.02
Purge Time, Start	1452	Purge Time, Stop	1500
Total Purge Time (minutes)	8	Purge Rate (gpm)	2.875
Purge Volume (gal)	23	Depth to Water (ft) at Sampling	6.83

CASING OR BOREHOLE VOLUME

5 gallons
IIII

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

INDICATOR DATA

Volume Pumped (gal)	Before Purge	7.35	15	22				At Sampling
TDS (ppm)	948	1024	1792	1952	→	→	→	
Turbidity (measured or visual) cloudy, clear, muddy	clear w/ Blk specs	clear	clear	clear				
Temperature (C)	24.51	21.53	21.65	21.42				
Conductivity (micromhos)	1942	2190	4031	4472	→	→	→	
pH	7.79	7.71	7.37	7.37				
Dissolved Oxygen (mg/L & %)	1.14	2.61↓	2.90↓	2.51↓				
Comments:	Smelly	—			→	→	→	

Speed

Depth to Water at End of Purge (ft)	6.83
Drawdown (ft)	0

MISCELLANEOUS DATA

Condition of Traffic Box: Good → well cap does not fit well

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

Water Level Indicator: **Solinst Model 101**

Weather Conditions: 70 F°, humid, partially cloudy, light wind

Comments:

Sampled at: 1500

Well Recovery Calculation

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

6.83 + 0.2 * 0 = 6.83

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 9-20-16
Project/Location **Malibu, CA - Civic Center Area**	Well Number: MCWP-MW10
Observation Period Start: 1520 Stop: 1555	Survey Reference Point: **TOC**
Sampled By: PS & RS	Witnessed By: PS & RS

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	9 ft
Well Diameter (in)	2 inch	Depth of Well (ft)	22.23
Initial/Static Depth to Water (ft)	6.73	Length of Water Column (ft)	15.5
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.28	Three Casing Volumes (gal)	7.44
Purge Time, Start	1529	Purge Time, Stop	1540
Total Purge Time (minutes)	11	Purge Rate (gpm)	0.68
Purge Volume (gal)	7.5	Depth to Water (ft) at Sampling	6.73

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	2.28	4.56	7.44				At Sampling
TDS (ppm)	1025	1110	1098	1115				
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	26.95	23.10	22.43	22.44				
Conductivity (micromhos) us/cm	2564	2524	2497	2511				
pH	7.65	7.43	7.39	7.37				
Dissolved Oxygen (mg/L & %)	1.19↓	0.64↓	1.16↓	0.83↓				
Comments:								
Speed = 35V	Depth to Water at End of Purge (ft)			6.73				
	Drawdown (ft)			0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	70, partially cloudy, humid

Comments: Sampled at: 1545

Well Recovery Calculation

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

6.73 + 0.2 * 0 = 6.73

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: **15-01587**	Date: 9-21-16
Project/Location **Malibu, CA - Civic Center Area**	Well Number: TT-MW-1
Observation Period Start: 0745 Stop: 0915	Survey Reference Point: **TOC**
Sampled By: PS & RS	Witnessed By: PS & RS

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	75
Well Diameter (in)	2 inch	Depth of Well (ft)	80.45
Initial/Static Depth to Water (ft)	69.26	Length of Water Column (ft)	11.19
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.79	Three Casing Volumes (gal)	5.37
Purge Time, Start	0810	Purge Time, Stop	0816
Total Purge Time (minutes)	6 min	Purge Rate (gpm)	1 gpm
Purge Volume (gal)	6	Depth to Water (ft) at Sampling	69.26

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	1.8	3.6	5.4				At Sampling
TDS (ppm)	1292	1261	1258	1257				
Turbidity (measured or visual) cloudy, clear, muddy	muddy	→	→	→	—	—	D	
Temperature (C)	22.22	22.23	22.35	22.37			D	
Conductivity (micromhos)	2955	2898	2898	2896	—	—	D	
pH 7.25	~~7.44~~	6.97	6.90	6.87				
Dissolved Oxygen (mg/L & %)	4.45↓	1.86↓	2.72↓	1.79↓	—	—	D	
Comments:								
Speed- 105V		Depth to Water at End of Purge (ft)		69.26				
		Drawdown (ft)		0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good, covered w/ dirt
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	65, clear, no wind, hazy

Comments: Sampled at: 0830

Well Recovery Calculation

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

69.26 + 0.2 * 0 = 69.26

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: **15-01587**		Date: 9-21-16	
Project/Location **Malibu, CA - Civic Center Area**		Well Number: SMBRP-13	
Observation Period Start: 0920 Stop: 0950		Survey Reference Point: **TOC**	
Sampled By: PS & RS		Witnessed By: PS & RS	

PURGING DATA

Type of Pump	Sub Grundfos	Pump Inlet Depth (ft)	13
Well Diameter (in)	2 inch	Depth of Well (ft)	19.43
Initial/Static Depth to Water (ft)	8.17	Length of Water Column (ft)	11.26
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.8	Three Casing Volumes (gal)	5.4
Purge Time, Start	0929	Purge Time, Stop	0939
Total Purge Time (minutes)	10 min	Purge Rate (gpm)	0.55 gpm
Purge Volume (gal)	5.5	Depth to Water (ft) at Sampling	8.17

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	1.8	3.6	5.4				At Sampling
TDS (ppm)	cell	Max	max	max			→	
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	26.21	22.62	22.12	22.10				
Conductivity (~~micromhos~~ mS/cm)	1445	4698	4884	5001			→	
pH	8.17	7.61	7.47	7.43				
Dissolved Oxygen (mg/L & ~~%~~)	7.11↓	1.59	3.06↓	2.28↓				
Comments:							→	
Speed = 40V		Depth to Water at End of Purge (ft)		8.17				
		Drawdown (ft)		0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	70°F, clear, humid, light wind

Comments: Sampled at: 0940

Well Recovery Calculation

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

8.17 + 0.2 * 0 = 8.17

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: **15-01587**		Date: 9.21.16	
Project/Location **Malibu, CA - Civic Center Area**		Well Number: SMBRP-12	
Observation Period Start: 0955 Stop: 1050		Survey Reference Point: **TOC**	
Sampled By: PS & RS		Witnessed By: PS & RS	

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	10.00
Well Diameter (in)	2 inch	Depth of Well (ft)	24.88
Initial/Static Depth to Water (ft)	6.61	Length of Water Column (ft)	18.27
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.92	Three Casing Volumes (gal)	8.76
Purge Time, Start	1003	Purge Time, Stop	1010
Total Purge Time (minutes)	7	Purge Rate (gpm)	1.28
Purge Volume (gal)	9	Depth to Water (ft) at Sampling	6.61

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	2.92	5.84	8.76				At Sampling
TDS (ppm)	1669	mistake	May	May				
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	26.23	25.05	24.87	24.75				
Conductivity (micromhos)	4185	10383	12113	12386				
pH	7.52	7.11	7.03	7.02				
Dissolved Oxygen (mg/L & %)	1.40↓	1.48↓	1.12	0.81↓				
Comments:								
speed - 50V	Depth to Water at End of Purge (ft)			6.61				
	Drawdown (ft)			0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	75°F, clear, humid, 0 wind

Comments: Sampled at: 1010

Well Recovery Calculation

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

6.61 + 0.2 * 0 = 6.61

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: 9.22-16	
Project/Location Malibu, CA - Civic Center Area		Well Number: MCWP-MW09	
Observation Period Start: 1050	Stop: 1200	Survey Reference Point: TOC	
Sampled By: PS & RS		Witnessed By: PS & RS	

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	55
Well Diameter (in)	2 inch	Depth of Well (ft)	89.60
Initial/Static Depth to Water (ft)	6.63	Length of Water Column (ft)	82.97
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.27	Three Casing Volumes (gal)	39.82
Purge Time, Start	1102	Purge Time, Stop	1121
Total Purge Time (minutes)	19	Purge Rate (gpm)	2.1
Purge Volume (gal)	40	Depth to Water (ft) at Sampling	~~13~~ 6.63

CASING OR BOREHOLE VOLUME

5 gallons

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	13.3	26.6	39.9				At Sampling
TDS (ppm)	1352	~~2000~~ MAY	MAX 2000	MAY 2000				
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	22.91	21.54	21.51	21.40				
Conductivity (micromhos)	3259	8309	8452	8290				
pH	8.14	7.50	7.41	7.37				
Dissolved Oxygen (mg/L & %)	1.01 ↓	1.37 ↓	0.96	0.70				
Comments:	smelly (eggs)							
			Depth to Water at End of Purge (ft)	~~13~~	6.63			
Speed = 95V			Drawdown (ft)	0				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

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

Water Level Indicator: **Solinst Model 101**

Weather Conditions: ~80°F, light wind, clear

Comments: - instantaneous recharge

9.22.16 resampled for cyanide due to bottle leak - original sample No 02 Bottle

Sampled at: 1130

Well Recovery Calculation

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

6.63 ~~13~~ + 0.2 * 0 = 6.63

(805) 861-8575 Victor

Ricquel Hardy Bueti (805) 750-8026 PGL

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: Purge 9.19.16 / Sample 9-20.16	
Project/Location Malibu, CA - Civic Center Area		Well Number: MCWP- MW04S	
Observation Period Start: 1405	Stop: 1440	Survey Reference Point: TOC	
Sampled By: P. Shellenbarger		Witnessed By: CW	

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	10
Well Diameter (in)	4 inch	Depth of Well (ft)	20.45
Initial/Static Depth to Water (ft)	8.35	Length of Water Column (ft)	12.1
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	7.865	Three Casing Volumes (gal)	23.595
Purge Time, Start	1410	Purge Time, Stop	1433
Total Purge Time (minutes)	23	Purge Rate (gpm)	0.53
Purge Volume (gal)	12 gallon	Depth to Water (ft) at Sampling	10.43

CASING OR BOREHOLE VOLUME

5 gallons

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

INDICATOR DATA 9.21.16

Volume Pumped (gal)	Before Purge	7.8	15.6	23.6				At Sampling
TDS (ppm)	—	TDS	SENSOR	MALFUNCTION				>2000 MAX
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear						clear
Temperature (C)	24.29	24.43	DRY	@				30.46
Conductivity (~~micromhos~~) uS/cm	7089	7521		12 gallons				8103
pH	7.35	7.34			very slow sample	Bottles filled...		7.84
Dissolved Oxygen (mg/L & %)	1.55	~~7.55~~			1/2 of triplicate			6.56
Comments:		3.44						
Speed - 40 V	Depth to Water at End of Purge (ft)			20.45		sample hrs..		
	Drawdown (ft)			12.1		1.75		

MISCELLANEOUS DATA

Condition of Traffic Box: Good 9.20.16 @ 12:30 13.96 DTW

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

Water Level Indicator: **Solinst Model 101**

Weather Conditions: 60, 10-15 mph wind NW, cloudy, raining (slight)

Comments: Sampled at: 1245 ~~9.20.16~~ 9.21.16

Well Recovery Calculation

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

08.35 + 0.2 * 12.1 = 10.77

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	9.21.16
Project/Location	Malibu, CA - Civic Center Area	Well Number:	MCWP-MW06
Observation Period	Start: 1430 Stop: 1527	Survey Reference Point:	TOC
Sampled By:	PS & RS	Witnessed By:	PS & RS

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	50
Well Diameter (in)	2 inch	Depth of Well (ft)	138.15
Initial/Static Depth to Water (ft)	11.07	Length of Water Column (ft)	0.16
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	20.33	Three Casing Volumes (gal)	60.10
Purge Time, Start	1443	Purge Time, Stop	1509
Total Purge Time (minutes)	28	Purge Rate (gpm)	2.14
Purge Volume (gal)	60 gallons	Depth to Water (ft) at Sampling	11.07

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	40	60				At Sampling
TDS (ppm)	944	974	975	975				
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	22.04	21.43	20.70	20.61				
Conductivity (micromhos) uS/cm	2122	2169	2137	2138				
pH	8.36	7.65	7.63	7.59				
Dissolved Oxygen (mg/L & %)	1.82	1.88	1.31	1.07				
Comments:								
Speed- 120V			Depth to Water at End of Purge (ft)	11.07				
			Drawdown (ft)	0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	85, no wind, clear

Comments:

Sampled at: 1510

Well Recovery Calculation

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

11.07 + 0.2 * 0 = 11.07

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: **15-01587**		Date: 9.22.16	
Project/Location **Malibu, CA - Civic Center Area**		Well Number: ~~MW-1~~ ~~MW-1D~~ MCWP-MW07D	
Observation Period Start: 0730 Stop: 0850		Survey Reference Point: **TOC**	
Sampled By: PS & RS		Witnessed By: PS & RS	

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	50
Well Diameter (in)	2inch	Depth of Well (ft)	129.6
Initial/Static Depth to Water (ft)	9.18	Length of Water Column (ft)	120.42
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.26	Three Casing Volumes (gal)	57.80
Purge Time, Start	0742	Purge Time, Stop	0812
Total Purge Time (minutes)	~~40~~ 30 min	Purge Rate (gpm)	2.16
Purge Volume (gal)	65 gal	Depth to Water (ft) at Sampling	9.18

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	19.26	38.50	57.80				At Sampling
TDS (ppm)	985	1218	1195	1017				
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	19.98	21.01	21.09	21.08				
Conductivity (~~micromhos~~ mS/cm)	2148	2714	2681	2329				
pH	7.90	7.49	7.57	7.55				
Dissolved Oxygen (mg/L & %)	1.41	1.40	0.85	0.56				
Comments:								
Speed = 85V–105V		Depth to Water at End of Purge (ft)		9.18				
		Drawdown (ft)		0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	65°F, sunny, No wind.

Comments: Sampled at: 0830

Well Recovery Calculation

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

9.18 + 0.2 * 0 = 9.18

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 9.22.16
Project/Location Malibu, CA - Civic Center Area	Well Number: MCWP-MW04D
Observation Period Start: 0855 Stop: 1145	Survey Reference Point: TOC
Sampled By: PS & RS	Witnessed By: PS & RS

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	15
Well Diameter (in)	4 inch	Depth of Well (ft)	149.2
Initial/Static Depth to Water (ft)	10.87	Length of Water Column (ft)	~~0.65~~ 138.33
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	89.91	Three Casing Volumes (gal)	269.74
Purge Time, Start	0905	Purge Time, Stop	1100
Total Purge Time (minutes)	125	Purge Rate (gpm)	2.16
Purge Volume (gal)	270	Depth to Water (ft) at Sampling	10.87

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	~~90~~	180	200				At Sampling
TDS (ppm)	872	973	968	974				
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	22.72	20.61	20.72	21.52				
Conductivity (micromhos) uS/cm	1992	2114	2131	2163				
pH	7.65	7.39	7.32	7.41				
Dissolved Oxygen (mg/L & %)	2.37	0.94	1.23	1.24				
Comments:								
speed - ~~2~~ 105V	Depth to Water at End of Purge (ft)							
	Drawdown (ft)			0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	65, partially cloudy, wind SW @ 0-5mph
Comments:	Sampled at: 1115

Well Recovery Calculation

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

10.87 + 0.2 * 0 = 10.87

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	9-22-16
Project/Location	Malibu, CA - Civic Center Area	Well Number:	MCWP-MW05
Observation Period	Start: 1240 Stop: 1515	Survey Reference Point:	TOC
Sampled By:	PS & RS	Witnessed By:	PS & RS

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	45
Well Diameter (in)	4 inch	Depth of Well (ft)	154.4
Initial/Static Depth to Water (ft)	8.98	Length of Water Column (ft)	145.42
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	94.5	Three Casing Volumes (gal)	283.57
Purge Time, Start	1245	Purge Time, Stop	1500
Total Purge Time (minutes)	135	Purge Rate (gpm)	2.11
Purge Volume (gal)	~ 285	Depth to Water (ft) at Sampling	8.98

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	95	190	285				At Sampling
TDS (ppm)	130	853	875	897	—	→		
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear				
Temperature (C)	20.59	19.49	19.18	19.21				
Conductivity (micromhos)	278	1791	1848	1861				
pH	8.96	3.50 ↓	7.52	7.49	—	→		
Dissolved Oxygen (mg/L & %)	2.83	7.39	2.51 ↓	2.60 ↓				
Comments:								

- Motor overheated @ 125V speed →
- 85V speed next (no movement) →
- →

Depth to Water at End of Purge (ft)	8.98
Drawdown (ft)	0

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	75°F, light - moderate wind, sunny (10-15 mph)

Comments: Sampled at: 1500

Well Recovery Calculation

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

8.98 + 0.2 * 0 = 8.98

Project # 15-01587

City of Malibu Civic Center Water Quality - Task 1 Surface water monitoring

9-23-16

- Sampler: Peter Shellenbarger
- Arrive in Malibu @ 1045
- Surface water Samples

L-001 @ 1145 N-001 1415

L-002 @ 1335 N-002 1425

L-003 @ 1210 N-003 @ 1230

L-004 @ 1300 N-004 @ 1445

L-005 @ 1225

L-006 @ 1320 lagoon Stage = full
Berm closed

- completed last sample @ 1445
- Dropped samples @ FGL laboratory

Pat Shellenbarger

Appendix B

Analytical Laboratory Reports

October 3, 2016

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

SP 1611128:11-12 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Baseline GWM

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1611128-011	MCWP-MW10	Source-Other	Rincon Field	Rincon Field	09/20/2016 15:45	09/20/2016 17:19 LMM	09/22/2016 LMM
2	SP 1611128-012	CCPE	Source-Other	Rincon Field	Rincon Field	09/20/2016 15:00	09/20/2016 17:22 LMM	09/22/2016 LMM

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-MW10	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	CCPE	---	---	SM 9221B	MPN/100ml	540 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:SMH

Reviewed and Approved By **Raquel R. Harvey** Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2016-10-03

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October 5, 2016

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

Lab ID : SP 1611128
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 6 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	(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-MW10	09/20/2016	09/20/2016	SP 1611128-011	MW
CCPE	09/20/2016	09/20/2016	SP 1611128-012	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	09/22/2016:211444 All preparation quality controls are within established criteria
351.2	09/21/2016:211378 All preparation quality controls are within established criteria
4500NH3G	09/21/2016:213724 All analysis quality controls are within established criteria
	09/21/2016:211375 All preparation quality controls are within established criteria
4500NO2F	09/21/2016:211402 All preparation quality controls are within established criteria
4500NO3F	09/21/2016:213763 All analysis quality controls are within established criteria
	09/21/2016:213764 All analysis quality controls are within established criteria
	09/21/2016:211400 All preparation quality controls are within established criteria

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October 5, 2016 Lab ID : SP 1611128
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500-P B	09/29/2016:211772 All preparation quality controls are within established criteria
4500PE	09/30/2016:214191 All analysis quality controls are within established criteria
EPA351.2	09/23/2016:213843 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: 2016-10-06

October 5, 2016

Lab ID : SP 1611128-011
Customer ID : 2-25173

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

Sampled On : September 20, 2016-15:45
Sampled By : Rincon Field
Received On : September 20, 2016-17:00
Matrix : Monitoring Well

Description : MCWP-MW10
Project : Malibu WWTP - Baseline GWM

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 P:1												
Nitrate Nitrogen	0.700	0.1	0.032	mg/L	1		4500NO3F	211400	09/21/16 11:45	4500NO3F	213764-FI207	09/21/16-12:35JDD
Nitrite Nitrogen	0.0210	0.1	0.011	mg/L	1	J	4500NO2F	211402	09/21/16 11:45	4500NO3F	213763-FI207	09/21/16-12:33JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211375	09/21/16 04:45	4500NH3G	213724-FI207	09/21/16-06:23AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211375	09/21/16 04:45	4500NH3G	213724-FI207	09/21/16-06:23AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:17AMB
Phosphorus, Total	ND	0.1	0.031	mg/L	1	U	4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:41SJN
Total Dissolved Solids (TFR)	1730	20	5.8	mg/L	1	b	2540CE	211444	09/22/16 10:48	2540C	213845-WT219	09/23/16-10:26CTL

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 5, 2016

Lab ID : SP 1611128-012
Customer ID : 2-25173

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

Sampled On : September 20, 2016-15:00
Sampled By : Rincon Field
Received On : September 20, 2016-17:00
Matrix : Monitoring Well

Description : CCPE
Project : Malibu WWTP - Baseline GWM

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 P:1												
Nitrate Nitrogen	0.900	0.1	0.032	mg/L	1		4500NO3F	211400	09/21/16 11:45	4500NO3F	213764-FI207	09/21/16-12:37JDD
Nitrite Nitrogen	0.0160	0.1	0.011	mg/L	1	J	4500NO2F	211402	09/21/16 11:45	4500NO3F	213763-FI207	09/21/16-12:35JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211375	09/21/16 04:45	4500NH3G	213724-FI207	09/21/16-05:57AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211375	09/21/16 04:45	4500NH3G	213724-FI207	09/21/16-05:57AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:18AMB
Phosphorus, Total	0.0724	0.1	0.031	mg/L	1	J	4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:42SJN
Total Dissolved Solids (TFR)	2880	34	5.8	mg/L	1.7	b	2540CE	211444	09/22/16 10:48	2540C	213845-WT219	09/23/16-10:11CTL

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 5, 2016 Lab ID : SP 1611128
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	09/22/16:211444CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	996.9	96.7 %	90-110	
		(SP 1611128-011)	Dup	mg/L		0.0%	5	
Nitrogen, Total Kjeldahl	351.2	09/21/16:211378jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	84.1 %	73-124	
			MS	mg/L	12.00	79.7 %	54-136	
		(SP 1610416-001)	MSD	mg/L	12.00	75.1 %	54-136	
			MSRPD	mg/L	12.00	6.2%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	119 %	70-130	
		(CC 1683262-001)	MSD	mg/L	2.000	113 %	70-130	
			MSRPD	mg/L	2.000	4.8%	≤20	
	4500NH3G	09/21/16:213724AMB	ICB	mg/L		-0.085	0.2	
			ICV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.106	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.108	0.2	
			CCV	mg/L	2.000	109 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.270	93.1 %	50-150	
		(SP 1611158-002)	MSD	mg/L	1.270	94.2 %	50-150	
			MSRPD	mg/L	1.270	1.2%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	10.00	105 %	5-285	
		(SP 1611158-002)	MSD	mg/L	10.00	107 %	5-285	
			MSRPD	mg/L	10.00	1.1%	≤30.4	
	4500NO3F	09/21/16:213764JDD	ICB	mg/L		0.060	0.1	
			ICV	mg/L	11.27	94.8 %	90-110	
			CCB	mg/L		0.068	0.1	
			CCV	mg/L	11.27	93.8 %	90-110	
Nitrite as Nitrogen	4500NO3F	09/21/16:213763JDD	ICB	mg/L		0.00300	0.012	
			ICV	mg/L	1.270	93.5 %	90-110	
			CCB	mg/L		0.00200	0.012	
			CCV	mg/L	1.270	93.5 %	90-110	
Phosphorus	4500-P B	09/29/16:211772sjn	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	101 %	90-116	
			MS	mg/L	0.2500	-1090 %	<¼	
		(CC 1683197-001)	MSD	mg/L	0.2500	-1100 %	<¼	
			MSRPD	mg/L	0.2500	0.5%	≤13.2	
Total Phosphorus	4500PE	09/30/16:214191SJN	CCB	mg/L		-0.005	0.1	
			CCV	mg/L	0.5000	99.4 %	90-110	
			CCB	mg/L		-0.014	0.1	
			CCV	mg/L	0.5000	95.0 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	09/23/16:213843AMB	CCB	mg/L		-0.106	0.5	
			CCV	mg/L	5.000	107 %	90-110	
			CCB	mg/L		-0.081	0.5	
			CCV	mg/L	5.000	104 %	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.

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October 5, 2016 Lab ID : SP 1611128

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Definition	
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.
<¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

October 3, 2016

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

SP 1611120:1, 3, 9, 14 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Baseline GWM

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1611120-001	SMBRP-9	Source-Other	Rincon (Field)	Rincon Consultants	09/20/2016 08:30	09/20/2016 16:05 LMM	09/22/2016 LMM
2	SP 1611120-003	MCWP-MW07S	Source-Other	Rincon (Field)	Rincon Consultants	09/20/2016 11:10	09/20/2016 16:12 LMM	09/24/2016 LMM
3	SP 1611120-009	LAMW-5S	Source-Other	Rincon (Field)	Rincon Consultants	09/20/2016 10:00	09/20/2016 16:08 LMM	09/22/2016 LMM
4	SP 1611120-014	SMBRP-7B	Source-Other	Rincon (Field)	Rincon Consultants	09/20/2016 14:00	09/20/2016 16:15 LMM	09/22/2016 LMM

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	33 PRESENT	<1.8 ABSENT	---	N/R			
2	MCWP-MW07S	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
3	LAMW-5S	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
4	SMBRP-7B	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<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:SMH

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2016-10-03

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October 14, 2016

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

Lab ID : SP 1611120
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 106 pages divided into 3 sections:

Case Narrative	(8 pages)	: An overview of the work performed at FGL.
Sample Results	(49 pages)	: Results for each sample submitted.
Quality Control	(49 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
Travel Blank	09/20/2016	09/20/2016	SP 1611120-000	LBW
SMBRP-9	09/20/2016	09/20/2016	SP 1611120-001	MW
MCWP-MW07S	09/20/2016	09/20/2016	SP 1611120-003	MW
LAMW-5S	09/20/2016	09/20/2016	SP 1611120-009	MW
SMBRP-7B	09/20/2016	09/20/2016	SP 1611120-014	MW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding except those as listed in the table below.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
SP 1611120-001	Chlorine, Total	15	3453 Minutes
SP 1611120-001	pH	15	3141 Minutes
SP 1611120-003	Chlorine, Total	15	3292.8 Minutes
SP 1611120-003	pH	15	2980.8 Minutes
SP 1611120-009	Chlorine, Total	15	3363 Minutes
SP 1611120-009	pH	15	3051 Minutes

All samples arrived on ice. 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.

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October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

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

Inorganic - Metals QC

200.7	09/21/2016:213697 All analysis quality controls are within established criteria.
	09/27/2016:214062 All analysis quality controls are within established criteria.
	10/06/2016:214618 All analysis quality controls are within established criteria.
	09/27/2016:211611 All preparation quality controls are within established criteria.
	10/04/2016:211949 All preparation quality controls are within established criteria.
	09/21/2016:211390 All preparation quality controls are within established criteria.
200.8	10/04/2016:214508 All analysis quality controls are within established criteria.
	10/05/2016:214575 All analysis quality controls are within established criteria.
	10/14/2016:215037 All analysis quality controls are within established criteria.
245.1	09/26/2016:213926 All analysis quality controls are within established criteria.
	09/24/2016:211519 All preparation quality controls are within established criteria.
3010	10/04/2016:211956 All preparation quality controls are within established criteria, except: The following note applies to Barium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Barium: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
	10/13/2016:212354 All preparation quality controls are within established criteria.

Organic QC

504	09/27/2016:211607 All preparation quality controls are within established criteria.
504.1	09/28/2016:214053 All analysis quality controls are within established criteria.
505	09/27/2016:213930 All analysis quality controls are within established criteria.
	09/26/2016:211552 All preparation quality controls are within established criteria, except:

Organic QC

505	The following note applies to Tetrachloro-m-xylene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
507	10/06/2016:214531 All analysis quality controls are within established criteria.
	09/28/2016:211665 All preparation quality controls are within established criteria, except: The following note applies to Metribuzin: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
515.3	09/30/2016:214256 All analysis quality controls are within established criteria.
	09/27/2016:211634 All preparation quality controls are within established criteria.
524.2	09/22/2016:214001 All analysis quality controls are within established criteria, except: The following note applies to Dibromochloromethane, Bromoform, Bromomethane (Methyl Bromide), Dichlorodifluoromethane, Trichlorofluoromethane F-11, Ch: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/23/2016:214001 All analysis quality controls are within established criteria, except: The following note applies to Dibromochloromethane, Bromoform, Bromomethane (Methyl Bromide), Dichlorodifluoromethane, Trichlorofluoromethane F-11, Ch: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/27/2016:214096 All analysis quality controls are within established criteria, except: The following note applies to Ethyl tert-Butyl Ether, Methyl tert-Butyl Ether, TAME, Vinyl Chloride: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/22/2016:211610 All preparation quality controls are within established criteria, except: The following note applies to TAME: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Ethyl tert-Butyl Ether, TAME: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	09/27/2016:211698 All preparation quality controls are within established criteria, except: The following note applies to Freon-11, Vinyl Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	09/29/2016:214102 All analysis quality controls are within established criteria.
	09/28/2016:211702 All preparation quality controls are within established criteria, except:

Organic QC

531.1	The following note applies to Aldicarb Sulfone/Sulfoxide, Oxamyl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5310C	09/27/2016:214089 All analysis quality controls are within established criteria.
	09/26/2016:211516 All preparation quality controls are within established criteria.
547	09/22/2016:213777 All analysis quality controls are within established criteria.
	09/21/2016:211419 All preparation quality controls are within established criteria.
548.1	09/30/2016:214269 All analysis quality controls are within established criteria.
	09/21/2016:211392 All preparation quality controls are within established criteria.
549	09/22/2016:211450 All preparation quality controls are within established criteria.
549.2	09/23/2016:213932 All analysis quality controls are within established criteria.
552	09/23/2016:211501 All preparation quality controls are within established criteria, except: The following note applies to 2,3-Dibromopropionic Acid, Dibromoacetic Acid, Monobromoacetic Acid, Dichloroacetic Acid, Monochloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Dibromoacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	09/28/2016:213970 All analysis quality controls are within established criteria.
608	09/29/2016:214106 All analysis quality controls are within established criteria.
	09/27/2016:211539 All preparation quality controls are within established criteria.
624	09/22/2016:213938 All analysis quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethane, 1,4-Dichlorobenzene, Bromoform, Bromomethane (Methyl Bromide), Chloromethane(Methyl Chloride): 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/22/2016:211564 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, Bromomethane (Methyl Bromide), Chloromethane(Methyl Chloride), Vinyl Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Fluorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Rincon Consultants, Inc. Customer : 2-25173

Organic QC

625	09/27/2016:214043 All analysis quality controls are within established criteria, except: The following note applies to Dibenzo(a,h)anthracene, Pentachlorophenol, Indeno(1,2,3-c,d)pyrene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/21/2016:211391 All preparation quality controls are within established criteria, except: The following note applies to bis(2-Chloroethyl)ether, Diethylphthalate, Dimethylphthalate: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Benzidine, Hexachloroethane: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Benzidine: 320 LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
625P	09/30/2016:214450 All analysis quality controls are within established criteria.
	09/27/2016:211614 All preparation quality controls are within established criteria, except: The following note applies to Aldrin: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Aldrin, Endrin: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

Radio QC

900.0	09/29/2016:214416 All analysis quality controls are within established criteria.
	09/28/2016:214419 All analysis quality controls are within established criteria.
	10/04/2016:214475 All analysis quality controls are within established criteria.
	09/27/2016:211468 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.
903.0	09/28/2016:214169 All analysis quality controls are within established criteria.
	09/29/2016:214169 All analysis quality controls are within established criteria.
	09/26/2016:211579 All preparation quality controls are within established criteria.
905.0	09/29/2016:214239 All analysis quality controls are within established criteria.

Radio QC

905.0	09/27/2016:211658 All preparation quality controls are within established criteria.
906.0	09/26/2016:214017 All analysis quality controls are within established criteria.
	09/26/2016:211527 All preparation quality controls are within established criteria.
908.0	09/28/2016:214183 All analysis quality controls are within established criteria.
	09/27/2016:211585 All preparation quality controls are within established criteria.
Ra - 05	10/03/2016:214395 All analysis quality controls are within established criteria.
	10/03/2016:214396 All analysis quality controls are within established criteria.
	09/27/2016:211580 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

1664	09/29/2016:211764 All preparation quality controls are within established criteria.
	10/04/2016:211831 All preparation quality controls are within established criteria.
2120B	09/21/2016:214081 All analysis quality controls are within established criteria.
	09/21/2016:211682 All preparation quality controls are within established criteria.
2130B	09/21/2016:213778 All analysis quality controls are within established criteria.
	09/21/2016:211422 All preparation quality controls are within established criteria.
2150B	09/21/2016:211832 All preparation quality controls are within established criteria.
218.6	09/23/2016:214002 All analysis quality controls are within established criteria.
	09/23/2016:211616 All preparation quality controls are within established criteria.
2320B	09/21/2016:213727 All analysis quality controls are within established criteria.
	09/21/2016:211377 All preparation quality controls are within established criteria.
2510B	09/21/2016:213733 All analysis quality controls are within established criteria.
	09/21/2016:211380 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2540CE	09/21/2016:211395 All preparation quality controls are within established criteria.
	09/22/2016:211444 All preparation quality controls are within established criteria.
2540D	09/26/2016:211562 All preparation quality controls are within established criteria.
300.0	09/20/2016:213760 All analysis quality controls are within established criteria.
	09/20/2016:211412 All preparation quality controls are within established criteria.
314.0	09/23/2016:213927 All analysis quality controls are within established criteria.
	09/23/2016:211486 All preparation quality controls are within established criteria.
351.2	09/23/2016:211470 All preparation quality controls are within established criteria.
	09/21/2016:211378 All preparation quality controls are within established criteria.
	09/24/2016:211513 All preparation quality controls are within established criteria.
4500ClG	09/22/2016:213837 All analysis quality controls are within established criteria.
	09/22/2016:211467 All preparation quality controls are within established criteria.
4500CNCE	10/02/2016:214313 All analysis quality controls are within established criteria.
	10/01/2016:211863 All preparation quality controls are within established criteria.
4500-H B	09/22/2016:211447 All preparation quality controls are within established criteria.
4500HB	09/22/2016:213809 All analysis quality controls are within established criteria.
4500NH3G	09/27/2016:213992 All analysis quality controls are within established criteria.
	09/29/2016:214161 All analysis quality controls are within established criteria.
	09/30/2016:214218 All analysis quality controls are within established criteria.
	09/26/2016:211524 All preparation quality controls are within established criteria.
	09/29/2016:211726 All preparation quality controls are within established criteria.
	09/30/2016:211784 All preparation quality controls are within established criteria.

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Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO2F	09/21/2016:211402 All preparation quality controls are within established criteria.
4500NO3F	09/21/2016:213763 All analysis quality controls are within established criteria.
	09/21/2016:213764 All analysis quality controls are within established criteria.
	09/21/2016:211400 All preparation quality controls are within established criteria.
4500-P B	09/30/2016:211807 All preparation quality controls are within established criteria.
4500PE	09/30/2016:214242 All analysis quality controls are within established criteria.
5210B	09/26/2016:213941 All analysis quality controls are within established criteria.
	09/21/2016:211382 All preparation quality controls are within established criteria, except: The following note applies to BOD: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5540C	09/21/2016:213798 All analysis quality controls are within established criteria.
	09/21/2016:211431 All preparation quality controls are within established criteria.
EPA351.2	09/26/2016:211902 All analysis quality controls are within established criteria.
	09/23/2016:213843 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: 2016-10-14

October 14, 2016

Lab ID : SP 1611120-000
Customer ID : 2-25173

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

Sampled On : September 20, 2016-00:00
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Lab. Blank Water

Description : Travel Blank
Project : Malibu WWTP - Baseline GWM

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	105	70-130		%	0.98266		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-05:17SBL
DBCP	ND	0.0098	0.0057	ug/L	0.98266	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-05:17SBL
EDB	ND	0.02	0.0027	ug/L	0.98266	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-05:17SBL
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	99.4	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2-Dichlorobenzene-d4‡	96.6	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-15:52VRG

DQF Flags Definition:

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

U Constituent results were non-detect.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : SMBRP-9
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-001
Customer ID : 2-25173

Sampled On : September 20, 2016-08:30
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
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
General Mineral P:1'5												
Total Hardness as CaCO3	774	2.5	0.13	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Calcium	52.9	1	0.13	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Magnesium	156	1	0.0081	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Potassium	4.53	1	0.037	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Sodium	409	2	0.17	mg/L	2		200.7	211949	10/04/16 06:00	200.7	214618-IT203	10/06/16-14:19AC
Total Cations	33.4	0.1	0.13	meq/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Boron	0.649	0.05	0.00089	mg/L	1	U	200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Copper	13.1	10	1.1	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Iron	9150	50	2.3	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Manganese	192	10	0.13	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Zinc	29.2	20	3.2	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
SAR	6.40	0.1	0.13	--	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:08AC
Total Alkalinity (as CaCO3)	917	10	1.1	mg/L	1		2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:50AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:50AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:50AMB
Bicarbonate as HCO3	1120	10	1.1	mg/L	1.000		2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:50AMB
Sulfate	342	10	0.037	mg/L	10	b	300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:21mca
Chloride	213	10	0.042	mg/L	10		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:21mca
Nitrate as NO3	84.5	0.4	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:06mca
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:06mca

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Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	19.1	0.1	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:06mca
Fluoride	1.10	0.1	0.027	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:06mca
Total Anions	32.9	0.1	1.1	meq/L	1.000	b	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:50AMB
pH	7.25	--	0.0	units	1	T	4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:05JMG
Specific Conductance	2960	1	0.0	umhos/cm	1		2510B	211380	09/21/16 09:42	2510B	213733-EC206	09/21/16-11:33JMG
Total Dissolved Solids	1940	40	5.8	mg/L	1	b	2540CE	211395	09/21/16 13:45	2540C	213791-WT219	09/22/16-09:06JMG
MBAS (foaming agents)	0.0335	0.1	0.0053	mg/L	1	J	5540C	211431	09/21/16 17:15	5540C	213798-UV207	09/21/16-19:35jba
Aggressiveness Index	12.3	1	0.0	--	1		4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:05JMG
Langelier Index (20°C)	0.4	1	0.0	--	1	b	4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:05JMG
Nitrate Nitrogen	19.1	0.1	0.0082	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:06mca
Metals, Total P:1'5												
Aluminum	5.91	0.25	0.000050	mg/L	25		3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-15:31AC
Antimony	0.000523	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Arsenic	0.00414	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Barium	0.0753	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Beryllium	0.000200	0.0002	0.000043	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Cadmium	0.0000750	0.0002	0.000031	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Chromium	0.0352	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Copper	0.0127	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Lead	0.00350	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Mercury	0.0000280	0.00001	.0000021	mg/L	1		245.1	211519	09/24/16 14:54	245.1	213926-HG204	09/26/16-09:41AC
Nickel	0.0219	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Selenium	0.00506	0.002	0.00017	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Thallium	0.0000830	0.0002	0.000018	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Chromium III	0.0300	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-13:57AC
Wet Chemistry AGT:1												
BOD	7.4	13	0.19	mg/L	6.3267	J	5210B	211382	09/21/16 15:40	5210B	213941-O2205	09/26/16-13:42KMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:36SJN
Chromium VI	5.19	0.1	0.012	ug/L	1		218.6	211616	09/23/16 11:46	218.6	214002-IC209	09/23/16-18:19MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211682	09/21/16 09:00	2120B	214081-JMG	09/21/16-09:25jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	U	4500CNCE	211863	10/01/16 14:12	4500CNCE	214313-UV207	10/02/16-15:21AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-07:18AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-07:18AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:15AMB
Nitrogen, Total as Nitrogen	19.1	0.5	0.19	mg/L	1	b	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:15AMB
Nitrate + Nitrite as N	19.1	0.1	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:06mca
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:15AMB
Odor	ND	1	0.0	TON	1	U	2150B	211832	09/21/16 08:10	2150B	214274-JMG	09/21/16-08:40jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.0989	U	1664	211764	09/29/16 13:43	1664	214253-WT215	09/30/16-13:39AMM
Phosphorus, Total	0.272	0.2	0.031	mg/L	2		4500-P B	211807	09/30/16 11:17	4500PE	214242-UV205	09/30/16-14:09SJN
Solids, Total Suspended (TSS)	83.8	3.3	0.49	mg/L	3.3333		2540D	211562	09/26/16 17:05	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	13.2	0.2	0.048	NTU	1		2130B	211422	09/21/16 16:17	2130B	213778-TR203	09/21/16-16:29jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/23/16-22:13SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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

Description : SMBRP-9
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-001
Customer ID : 2-25173

Sampled On : September 20, 2016-08:30
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	106	70-130		%	0.99125		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-05:53SBL
DBCP	ND	0.0099	0.0057	ug/L	0.99125	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-05:53SBL
EDB	0.00816	0.02	0.0027	ug/L	0.99125	Jb	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-05:53SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	89.0	70-130		%	0.9901		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Alachlor	ND	0.2	0.13	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Aldrin	ND	0.0099	0.0040	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Chlordane	ND	0.099	0.041	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Dieldrin	ND	0.0099	0.0024	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Endrin	ND	0.0099	0.0054	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Heptachlor	ND	0.0099	0.0026	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Heptachlor Epoxide	ND	0.0099	0.0046	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Hexachlorobenzene	ND	0.0099	0.0031	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Hexachlorocyclopentadiene	ND	0.099	0.027	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Lindane (Gamma BHC)	ND	0.05	0.0049	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Methoxychlor	ND	0.099	0.0098	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
Toxaphene	ND	0.5	0.11	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
PCB 1016	ND	0.5	0.22	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
PCB 1221	ND	0.5	0.067	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
PCB 1232	ND	0.5	0.13	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.5	0.14	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
PCB 1248	ND	0.5	0.064	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
PCB 1254	ND	0.5	0.026	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
PCB 1260	ND	0.5	0.055	ug/L	0.9901	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:12SBL
EPA 507 AGT:1												
Triphenylphosphate‡	71.8	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-01:38SG
EPA 515 AGT:1												
2,4-DCAA‡	95.0	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-19:41SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	99.0	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2-Dichlorobenzene-d4‡	92.5	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Benzene	ND	0.5	0.081	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Bromoform	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Chloroform	0.968	0.5	0.070	ug/L	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Chloromethane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Naphthalene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Styrene	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	Ufh	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Toluene	ND	0.5	0.055	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
Total Trihalomethanes	0.968	0.5	0.12	ug/L	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-18:33VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-03:49SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-13:04SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211392	09/21/16 11:29	548.1	214269-GC220	09/30/16-20:37SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-15:33SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	122	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
Chloroacetic Acid	0.873	2	0.28	ug/L	1	Jbh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
Dibromoacetic Acid	ND	1	0.25	ug/L	1	Ubh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
Trichloroacetic Acid	0.507	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
Haloacetic acids (five)	1.38	1	0.55	ug/L	1	hJb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:12SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	47.7	15-143		%	0.98522		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
Chlordane	ND	2	0.32	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
Toxaphene	ND	2	0.044	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1016	ND	0.49	0.13	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1221	ND	0.49	0.084	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1232	ND	0.49	0.20	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1242	ND	0.49	0.20	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1254	ND	0.49	0.086	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
PCB 1260	ND	0.49	0.11	ug/L	0.98522	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-04:20SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	95.4	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Fluorobenzene‡	90.8	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Pentafluorobenzene‡	74.1	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Chloroform	0.816	0.5	0.045	ug/L	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:12VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	75.0	10-99		%	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2-Fluorophenol‡	68.0	15-96		%	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Nitrobenzene-d5‡	63.4	11-102		%	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Phenol-d6‡	65.6	9-103		%	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
p-Terphenyl-d14‡	64.4	25-123		%	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4,6-Tribromophenol‡	67.1	17-97		%	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Acenaphthene	ND	0.94	0.50	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Acenaphthylene	ND	0.94	0.39	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Anthracene	ND	0.94	0.43	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Benzidine	ND	9.4	1.8	ug/L	0.93897	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
bis(2-Ethylhexyl)phthalate	0.780	1.9	0.41	ug/L	0.93897	Jb	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Chrysene	ND	0.94	0.51	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Di-n-butylphthalate	2.11	1.9	0.35	ug/L	0.93897		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Diethylphthalate	ND	0.94	0.34	ug/L	0.93897	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Dimethylphthalate	ND	0.94	0.31	ug/L	0.93897	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Fluoranthene	ND	0.94	0.44	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Fluorene	ND	0.94	0.62	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Isophorone	ND	0.94	0.41	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Naphthalene	ND	0.94	0.55	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Nitrobenzene	ND	0.94	0.47	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Phenanthrene	ND	0.94	0.50	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Phenol	ND	0.94	0.88	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Pyrene	ND	0.94	0.46	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
Pyridine	ND	9.4	0.32	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.93897	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.93897	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-07:32SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.8	0.91	ng/L	0.95238	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Alpha BHC	ND	4.8	1.3	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Beta BHC	ND	4.8	1.5	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Delta BHC	ND	4.8	1.8	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Dieldrin	ND	4.8	1.5	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Endosulfan I	ND	4.8	2.1	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Endosulfan II	ND	4.8	2.1	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Endrin	ND	4.8	1.3	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.8	1.8	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Heptachlor	ND	4.8	1.8	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Methoxychlor	ND	4.8	0.46	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
cis_Nonachlor	ND	48	1.6	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
o,p - DDD	ND	4.8	0.54	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
o,p - DDE	ND	4.8	0.35	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
o,p - DDT	ND	4.8	0.95	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
trans-Nonachlor	ND	48	1.2	ng/L	0.95238	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
Tetrachloro-m-xylene‡	75.3	26-90		%	0.95238		625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-20:32SG
TOC AVT:1'4												
TOC	0.648	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-19:14AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : SMBRP-9
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-001
Customer ID : 2-25173

Sampled On : September 20, 2016-08:30
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	16.1 ± 3.52	2.83	pCi/L	15		900.0	211468	09/27/16 09:50	900.0	214475-GP216	10/04/16-14:00caa
Gross Beta	0.458 ± 1.52	1.60	pCi/L	50	l	900.0	211468	09/27/16 09:50	900.0	214416-GP218	09/29/16-12:00caa
Strontium 90	0.575 ± 0.796	0.491	pCi/L	8		905.0	211658	09/27/16 19:30	905.0	214239-GP217	09/29/16-09:20caa
Total Alpha Radium (226)	0.088 ± 0.273	0.470	pCi/L	3		903.0	211579	09/26/16 18:30	903.0	214169-GP216	09/28/16-13:40caa
Tritium	272 ± 266	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/26/16-18:00caa
Uranium	7.06 ± 1.78	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-14:34caa
Ra 228	0.030 ± 0.488	0.253	pCi/L	2		Ra - 05	211580	09/27/16 19:30	Ra - 05	214396-GP218	10/03/16-20:00caa

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

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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.

October 14, 2016

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

Description : MCWP-MW07S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-003
Customer ID : 2-25173

Sampled On : September 20, 2016-11:10
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
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
General Mineral P:1'5												
Total Hardness as CaCO3	581	2.5	0.13	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Calcium	93.7	1	0.13	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Magnesium	84.3	1	0.0081	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Potassium	5.26	1	0.037	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Sodium	207	1	0.17	mg/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Total Cations	20.8	0.1	0.13	meq/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Boron	0.390	0.05	0.00089	mg/L	1	U	200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Copper	11.0	10	1.1	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Iron	8360	50	2.3	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Manganese	743	10	0.13	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Zinc	26.7	20	3.2	ug/L	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
SAR	3.74	0.1	0.13	--	1		200.7	211611	09/27/16 11:00	200.7	214062-IT203	09/27/16-17:12AC
Total Alkalinity (as CaCO3)	456	10	1.1	mg/L	1		2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-06:58AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-06:58AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-06:58AMB
Bicarbonate as HCO3	556	10	1.1	mg/L	1.000		2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-06:58AMB
Sulfate	234	5	0.037	mg/L	5	b	300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:52mca
Chloride	217	5	0.042	mg/L	5		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:52mca
Nitrate as NO3	22.8	0.4	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:36mca
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:36mca

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TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	5.20	0.1	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:36mca
Fluoride	0.477	0.1	0.027	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:36mca
Total Anions	20.5	0.1	1.1	meq/L	1.000	b	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-06:58AMB
pH	7.26	--	0.0	units	1	T	4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:05JMG
Specific Conductance	1900	1	0.0	umhos/cm	1		2510B	211380	09/21/16 09:42	2510B	213733-EC206	09/21/16-11:33JMG
Total Dissolved Solids	1160	40	5.8	mg/L	1	b	2540CE	211395	09/21/16 13:45	2540C	213791-WT219	09/22/16-09:10JMG
MBAS (foaming agents)	0.237	0.2	0.0053	mg/L	2		5540C	211431	09/21/16 17:15	5540C	213798-UV207	09/21/16-19:35jba
Aggressiveness Index	12.3	1	0.0	--	1		4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:05JMG
Langelier Index (20°C)	0.4	1	0.0	--	1	b	4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:05JMG
Nitrate Nitrogen	5.20	0.1	0.0082	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:36mca
Metals, Total P:1'5												
Aluminum	4.42	0.2	0.000050	mg/L	20		3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-15:37AC
Antimony	0.000288	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Arsenic	0.00626	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Barium	0.0916	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Beryllium	0.000130	0.0002	0.000043	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Cadmium	0.000187	0.0002	0.000031	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Chromium	0.0303	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Copper	0.00970	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Lead	0.00244	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Mercury	0.00000240	0.00001	.0000021	mg/L	1	J	245.1	211519	09/24/16 14:54	245.1	213926-HG204	09/26/16-09:45AC
Nickel	0.0200	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Selenium	0.00315	0.002	0.00017	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Thallium	0.0000500	0.0002	0.000018	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Chromium III	0.0289	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:03AC
Wet Chemistry AGT:1												
BOD	4.07	6.3	0.19	mg/L	3.1633	J	5210B	211382	09/21/16 15:42	5210B	213941-O2205	09/26/16-13:42KMM
Chlorine, Total	0.0708	0.1	0.069	mg/L	1	JT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:37SJN
Chromium VI	1.38	0.1	0.012	ug/L	1		218.6	211616	09/23/16 11:46	218.6	214002-IC209	09/23/16-18:30MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211682	09/21/16 09:00	2120B	214081-JMG	09/21/16-09:25jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	U	4500CNCE	211863	10/01/16 14:12	4500CNCE	214313-UV207	10/02/16-15:22AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211784	09/30/16 03:50	4500NH3G	214218-FI207	09/30/16-06:48AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211784	09/30/16 03:50	4500NH3G	214218-FI207	09/30/16-06:48AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ub	351.2	211470	09/23/16 08:16	EPA351.2	211902-FI206	09/26/16-08:19AMB
Nitrogen, Total as Nitrogen	5.20	0.5	0.32	mg/L	1	b	351.2	211470	09/23/16 08:16	EPA351.2	211902-FI206	09/26/16-08:19AMB
Nitrate + Nitrite as N	5.20	0.1	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-22:36mca
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ub	351.2	211470	09/23/16 08:16	EPA351.2	211902-FI206	09/26/16-08:19AMB
Odor	ND	1	0.0	TON	1	U	2150B	211832	09/21/16 08:10	2150B	214274-JMG	09/21/16-08:40jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664	211764	09/29/16 13:43	1664	214253-WT215	09/30/16-13:39AMM
Phosphorus, Total	0.545	0.2	0.031	mg/L	2		4500-P B	211807	09/30/16 11:17	4500PE	214242-UV205	09/30/16-14:10SJN
Solids, Total Suspended (TSS)	306	13	0.49	mg/L	13.333		2540D	211562	09/26/16 17:05	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	16.7	0.2	0.048	NTU	1		2130B	211422	09/21/16 16:17	2130B	213778-TR203	09/21/16-16:29jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/23/16-22:36SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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

Description : MCWP-MW07S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-003
Customer ID : 2-25173

Sampled On : September 20, 2016-11:10
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	105	70-130		%	0.97645		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-06:29SBL
DBCP	ND	0.0098	0.0057	ug/L	0.97645	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-06:29SBL
EDB	ND	0.02	0.0027	ug/L	0.97645	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-06:29SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	91.3	70-130		%	0.99736		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Alachlor	ND	0.2	0.13	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Aldrin	ND	0.01	0.0040	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Chlordane	ND	0.1	0.041	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Dieldrin	ND	0.01	0.0024	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Endrin	ND	0.01	0.0054	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Heptachlor	ND	0.01	0.0026	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Heptachlor Epoxide	ND	0.01	0.0046	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Hexachlorobenzene	ND	0.01	0.0031	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Hexachlorocyclopentadiene	ND	0.1	0.027	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Lindane (Gamma BHC)	ND	0.05	0.0049	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Methoxychlor	ND	0.1	0.0098	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
Toxaphene	ND	0.5	0.11	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
PCB 1016	ND	0.5	0.22	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
PCB 1221	ND	0.5	0.067	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
PCB 1232	ND	0.5	0.13	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.5	0.14	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
PCB 1248	ND	0.5	0.064	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
PCB 1254	ND	0.5	0.026	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
PCB 1260	ND	0.5	0.055	ug/L	0.99736	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-01:53SBL
EPA 507 AGT:1												
Triphenylphosphate‡	89.4	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:16SG
EPA 515 AGT:1												
2,4-DCAA‡	107	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-20:22SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	92.0	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2-Dichlorobenzene-d4‡	97.3	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Benzene	ND	0.5	0.081	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Bromoform	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Chloroform	0.198	0.5	0.070	ug/L	1	Jf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Chloromethane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
cis-1,2-Dichloroethylene	0.592	0.5	0.064	ug/L	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Naphthalene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Styrene	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	Ufh	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Toluene	ND	0.5	0.055	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	0.183	0.5	0.060	ug/L	1	Jf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
Total Trihalomethanes	0.198	0.5	0.12	ug/L	1	UfJ	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:45VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:20SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-13:30SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211392	09/21/16 11:29	548.1	214269-GC220	09/30/16-21:06SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-15:41SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	98.4	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
Chloroacetic Acid	0.952	2	0.28	ug/L	1	Jbh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
Dibromoacetic Acid	1.08	1	0.25	ug/L	1	bh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
Trichloroacetic Acid	0.510	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
Haloacetic acids (five)	2.54	1	0.55	ug/L	1	hJb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-00:44SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	60.6	15-143		%	0.95694		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
Chlordane	ND	1.9	0.32	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
Toxaphene	ND	1.9	0.044	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1016	ND	0.48	0.13	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1221	ND	0.48	0.084	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1232	ND	0.48	0.20	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1242	ND	0.48	0.20	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1248	ND	0.48	0.064	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1254	ND	0.48	0.086	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
PCB 1260	ND	0.48	0.11	ug/L	0.95694	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:01SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	92.1	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Fluorobenzene‡	90.4	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Pentafluorobenzene‡	71.2	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-16:39VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	80.5	10-99		%	0.95238		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2-Fluorophenol‡	79.2	15-96		%	0.95238		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Nitrobenzene-d5‡	83.3	11-102		%	0.95238		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Phenol-d6‡	71.2	9-103		%	0.95238		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
p-Terphenyl-d14‡	70.5	25-123		%	0.95238		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4,6-Tribromophenol‡	78.0	17-97		%	0.95238		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Acenaphthene	ND	0.95	0.50	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Acenaphthylene	ND	0.95	0.39	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Anthracene	ND	0.95	0.43	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Benzidine	ND	9.5	1.8	ug/L	0.95238	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Benzo(a)anthracene	ND	0.95	0.43	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Benzo(b)fluoranthene	ND	0.95	0.37	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Benzo(k)fluoranthene	ND	0.95	0.50	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Benzo(g,h,i)perylene	ND	0.95	0.40	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Benzo(a)pyrene	ND	0.95	0.40	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
4-Bromophenylphenylether	ND	0.95	0.46	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
bis(2-Chloroethoxy)methane	ND	0.95	0.56	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
bis(2-Chloroethyl)ether	ND	0.95	0.52	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
bis(2-Chloroisopropyl)ether	ND	0.95	0.53	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
bis(2-Ethylhexyl)phthalate	1.48	1.9	0.41	ug/L	0.95238	Jb	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2-Chloronaphthalene	ND	0.95	0.63	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
4-Chlorophenylphenylether	ND	0.95	0.62	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Chrysene	ND	0.95	0.51	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Dibenzo(a,h)anthracene	ND	0.95	0.37	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Di-n-butylphthalate	0.629	1.9	0.35	ug/L	0.95238	J	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
1,2-Dichlorobenzene	ND	0.95	0.47	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
1,3-Dichlorobenzene	ND	0.95	0.45	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
1,4-Dichlorobenzene	ND	0.95	0.47	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
3,3'-Dichlorobenzidine	ND	0.95	0.43	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Diethylphthalate	ND	0.95	0.34	ug/L	0.95238	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Dimethylphthalate	ND	0.95	0.31	ug/L	0.95238	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
4,6-Dinitro-2-methylphenol	ND	0.95	0.43	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4-Dinitrophenol	ND	4.8	0.22	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4-Dinitrotoluene	ND	0.95	0.49	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,6-Dinitrotoluene	ND	0.95	0.55	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Di-n-octylphthalate	ND	0.95	0.31	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Fluoranthene	ND	0.95	0.44	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Fluorene	ND	0.95	0.62	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Hexachlorobenzene	ND	0.95	0.47	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Hexachlorobutadiene	ND	0.95	0.45	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Hexachlorocyclopentadiene	ND	0.95	0.24	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Hexachloroethane	ND	0.95	0.43	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Indeno(1,2,3-c,d)pyrene	ND	0.95	0.38	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Isophorone	ND	0.95	0.41	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Naphthalene	ND	0.95	0.55	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Nitrobenzene	ND	0.95	0.47	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
N-Nitrosodiphenylamine	ND	0.95	0.74	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
N-Nitrosodi-n-propylamine	ND	0.95	0.53	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Phenanthrene	ND	0.95	0.50	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Phenol	ND	0.95	0.88	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Pyrene	ND	0.95	0.46	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
Pyridine	ND	9.5	0.32	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
1,2,4-Trichlorobenzene	ND	0.95	0.48	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4,6-Trichlorophenol	ND	0.95	0.90	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
1,2-Diphenylhydrazine	ND	0.95	0.47	ug/L	0.95238	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.95238	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-08:22SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.93897	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Alpha BHC	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Beta BHC	ND	4.7	1.5	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Delta BHC	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Dieldrin	ND	4.7	1.5	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Endosulfan I	ND	4.7	2.1	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Endosulfan II	ND	4.7	2.1	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Endrin	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Heptachlor	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Methoxychlor	ND	4.7	0.46	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
cis_Nonachlor	ND	47	1.6	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
o,p - DDD	ND	4.7	0.54	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
o,p - DDE	ND	4.7	0.35	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
o,p - DDT	ND	4.7	0.95	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
trans-Nonachlor	ND	47	1.2	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
Tetrachloro-m-xylene‡	57.8	26-90		%	0.93897		625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:15SG
TOC AVT:1'4												
TOC	0.599	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-19:32AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

Lab ID : SP 1611120-003
Customer ID : 2-25173

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

Sampled On : September 20, 2016-11:10
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Monitoring Well

Description : MCWP-MW07S
Project : Malibu WWTP - Baseline GWM

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	3.75 ± 2.45	2.83	pCi/L	15		900.0	211468	09/27/16 09:50	900.0	214475-GP216	10/04/16-16:00caa
Gross Beta	2.71 ± 1.31	1.20	pCi/L	50	l	900.0	211468	09/27/16 09:50	900.0	214419-GP219	09/28/16-17:00caa
Strontium 90	0.000 ± 0.711	0.491	pCi/L	8		905.0	211658	09/27/16 19:30	905.0	214239-GP217	09/29/16-09:40caa
Total Alpha Radium (226)	0.220 ± 0.311	0.470	pCi/L	3		903.0	211579	09/26/16 18:30	903.0	214169-GP216	09/28/16-14:00caa
Tritium	542 ± 272	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/26/16-19:00caa
Uranium	1.93 ± 1.03	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-14:58caa
Ra 228	0.000 ± 0.468	0.200	pCi/L	2		Ra - 05	211580	09/27/16 19:30	Ra - 05	214395-GP219	10/03/16-19:40emv

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

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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.

October 14, 2016

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

Description : LAMW-5S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-009
Customer ID : 2-25173

Sampled On : September 20, 2016-10:00
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
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
General Mineral P:1'5												
Total Hardness as CaCO3	425	2.5	0.0065	mg/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Calcium	84.7	1	0.0065	mg/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Magnesium	52.0	1	0.0037	mg/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Potassium	3.71	1	0.065	mg/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Sodium	109	1	0.27	mg/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Total Cations	13.3	0.1	0.0065	meq/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Boron	0.248	0.05	0.0050	mg/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Copper	2.53	10	1.2	ug/L	1	J	200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Iron	397	50	5.0	ug/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Manganese	81.3	10	0.099	ug/L	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Zinc	3.79	20	1.0	ug/L	1	J	200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
SAR	2.30	0.1	0.0065	--	1		200.7	211390	09/21/16 10:46	200.7	213697-IT203	09/21/16-14:56AC
Total Alkalinity (as CaCO3)	233	10	1.1	mg/L	1		2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:41AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:41AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:41AMB
Bicarbonate as HCO3	284	10	1.1	mg/L	1.000		2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:41AMB
Sulfate	200	5	0.037	mg/L	5	b	300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:22mca
Chloride	125	5	0.042	mg/L	5		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:22mca
Nitrate as NO3	55.1	0.4	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:07mca
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:07mca

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

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	12.4	0.1	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:07mca
Fluoride	0.253	0.1	0.027	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:07mca
Total Anions	13.2	0.1	1.1	meq/L	1.000	b	2320B	211377	09/21/16 05:00	2320B	213727-MT201	09/21/16-07:41AMB
pH	6.74	--	0.0	units	1	T	4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:06JMG
Specific Conductance	1300	1	0.0	umhos/cm	1		2510B	211380	09/21/16 09:42	2510B	213733-EC206	09/21/16-11:33JMG
Total Dissolved Solids	863	40	5.8	mg/L	1	b	2540CE	211395	09/21/16 13:45	2540C	213791-WT219	09/22/16-09:09JMG
MBAS (foaming agents)	0.0714	0.2	0.0053	mg/L	2	J	5540C	211431	09/21/16 17:15	5540C	213798-UV207	09/21/16-19:35jba
Aggressiveness Index	11.4	1	0.0	--	1		4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:06JMG
Langelier Index (20°C)	-0.5	1	0.0	--	1	b	4500-H B	211447	09/22/16 12:51	4500HB	213809-PH203	09/22/16-13:06JMG
Nitrate Nitrogen	12.4	0.1	0.0082	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:07mca
Metals, Total P:1'5												
Aluminum	0.473	0.02	0.000050	mg/L	2		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:11AC
Antimony	0.000427	0.001	0.000044	mg/L	1	J	3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Arsenic	0.00798	0.002	0.000047	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Barium	0.0103	0.0002	0.000026	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Cadmium	0.000166	0.0002	0.000031	mg/L	1	J	3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Chromium	0.00458	0.001	0.000066	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Copper	0.00470	0.001	0.000071	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Lead	0.000641	0.0002	0.000013	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Mercury	ND	0.00001	.0000021	mg/L	1	U	245.1	211519	09/24/16 14:54	245.1	213926-HG204	09/26/16-09:56AC
Nickel	0.0142	0.001	0.000040	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Selenium	0.000859	0.002	0.00017	mg/L	1	J	3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Silver	0.000205	0.00025	0.000022	mg/L	1	J	3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Thallium	0.0000230	0.0002	0.000018	mg/L	1	J	3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Chromium III	0.00415	0.001	0.000066	mg/L	1		3010	212354	10/13/16 04:00	200.8	215037-IX202	10/14/16-10:05AC
Wet Chemistry AGT:1												
BOD	0.48	6.3	0.19	mg/L	3.1633	J	5210B	211382	09/21/16 15:45	5210B	213941-O2205	09/26/16-13:42KMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:38SJN
Chromium VI	0.429	0.1	0.012	ug/L	1		218.6	211616	09/23/16 11:46	218.6	214002-IC209	09/23/16-18:41MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211682	09/21/16 09:00	2120B	214081-JMG	09/21/16-09:25jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	U	4500CNCE	211863	10/01/16 14:12	4500CNCE	214313-UV207	10/02/16-15:23AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-08:25AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-08:25AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:16AMB
Nitrogen, Total as Nitrogen	12.4	0.5	0.19	mg/L	1	b	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:16AMB
Nitrate + Nitrite as N	12.4	0.1	0.033	mg/L	1		300.0	211412	09/20/16 16:55	300.0	213760-IC208	09/20/16-23:07mca
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211378	09/21/16 08:17	EPA351.2	213843-FI206	09/23/16-08:16AMB
Odor	ND	1	0.0	TON	1	U	2150B	211832	09/21/16 08:10	2150B	214274-JMG	09/21/16-08:40jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.0870	U	1664	211831	10/04/16 12:49	1664	214520-WT215	10/05/16-14:14AMM
Phosphorus, Total	7.04	0.5	0.031	mg/L	5		4500-P B	211807	09/30/16 11:17	4500PE	214242-UV205	09/30/16-14:11SJN
Solids, Total Suspended (TSS)	378	17	0.49	mg/L	16.667		2540D	211562	09/26/16 17:05	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	6.32	0.2	0.048	NTU	1		2130B	211422	09/21/16 16:17	2130B	213778-TR203	09/21/16-16:29jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/23/16-22:58SBL

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.
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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

Description : LAMW-5S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-009
Customer ID : 2-25173

Sampled On : September 20, 2016-10:00
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	108	70-130		%	0.96701		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-07:40SBL
DBCP	ND	0.0097	0.0057	ug/L	0.96701	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-07:40SBL
EDB	ND	0.019	0.0027	ug/L	0.96701	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-07:40SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	94.8	70-130		%	0.99561		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Alachlor	ND	0.2	0.13	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Aldrin	ND	0.01	0.0040	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Chlordane	ND	0.1	0.041	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Dieldrin	ND	0.01	0.0024	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Endrin	ND	0.01	0.0054	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Heptachlor	ND	0.01	0.0026	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Heptachlor Epoxide	ND	0.01	0.0046	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Hexachlorobenzene	ND	0.01	0.0031	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Hexachlorocyclopentadiene	ND	0.1	0.027	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Lindane (Gamma BHC)	ND	0.05	0.0049	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Methoxychlor	ND	0.1	0.0098	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
Toxaphene	ND	0.5	0.11	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
PCB 1016	ND	0.5	0.22	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
PCB 1221	ND	0.5	0.067	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
PCB 1232	ND	0.5	0.13	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.5	0.14	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
PCB 1248	ND	0.5	0.064	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
PCB 1254	ND	0.5	0.026	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
PCB 1260	ND	0.5	0.055	ug/L	0.99561	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-02:34SBL
EPA 507 AGT:1												
Triphenylphosphate‡	104	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-02:53SG
EPA 515 AGT:1												
2,4-DCAA‡	115	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	09/30/16-21:03SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	98.0	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2-Dichlorobenzene-d4‡	93.1	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Benzene	ND	0.5	0.081	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Bromodichloromethane	0.335	0.5	0.099	ug/L	1	Jf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Bromoform	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Chloroform	31.0	0.5	0.070	ug/L	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Chloromethane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Dichloromethane	0.574	0.5	0.062	ug/L	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Naphthalene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Styrene	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	Ufh	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Toluene	ND	0.5	0.055	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
Total Trihalomethanes	31.3	0.5	0.12	ug/L	1	fJ	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/22/16-22:38VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-04:51SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-14:20SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211392	09/21/16 11:29	548.1	214269-GC220	09/30/16-21:34SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-15:48SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	103	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
Chloroacetic Acid	ND	2	0.28	ug/L	1	Ubh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
Dibromoacetic Acid	ND	1	0.25	ug/L	1	Ubh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
Dichloroacetic Acid	0.823	1	0.57	ug/L	1	Jh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
Trichloroacetic Acid	0.564	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
Haloacetic acids (five)	1.39	1	0.55	ug/L	1	hbJ	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-01:15SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	52.3	15-143		%	0.93458		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
Chlordane	ND	1.9	0.32	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
Toxaphene	ND	1.9	0.044	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1016	ND	0.47	0.13	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1221	ND	0.47	0.084	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1232	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1242	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1248	ND	0.47	0.064	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1254	ND	0.47	0.086	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
PCB 1260	ND	0.47	0.11	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-05:42SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	99.8	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Fluorobenzene‡	90.3	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Pentafluorobenzene‡	69.4	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Chloroform	23.7	0.5	0.045	ug/L	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Methylene Chloride	0.722	0.5	0.24	ug/L	1	Jf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-15:45VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	76.6	10-99		%	0.9434		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2-Fluorophenol‡	75.0	15-96		%	0.9434		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Nitrobenzene-d5‡	99.2	11-102		%	0.9434		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Phenol-d6‡	67.3	9-103		%	0.9434		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
p-Terphenyl-d14‡	79.7	25-123		%	0.9434		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4,6-Tribromophenol‡	75.1	17-97		%	0.9434		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Acenaphthene	ND	0.94	0.50	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Acenaphthylene	ND	0.94	0.39	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Benzidine	ND	9.4	1.8	ug/L	0.9434	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.9434	Ub	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Chrysene	ND	0.94	0.51	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Di-n-butylphthalate	0.431	1.9	0.35	ug/L	0.9434	J	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Diethylphthalate	ND	0.94	0.34	ug/L	0.9434	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Dimethylphthalate	ND	0.94	0.31	ug/L	0.9434	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Fluoranthene	ND	0.94	0.44	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Fluorene	ND	0.94	0.62	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Isophorone	ND	0.94	0.41	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Naphthalene	ND	0.94	0.55	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Nitrobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Phenanthrene	ND	0.94	0.50	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Phenol	ND	0.94	0.88	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Pyrene	ND	0.94	0.46	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
Pyridine	ND	9.4	0.32	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.9434	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.9434	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-09:12SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.9434	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Alpha BHC	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Beta BHC	ND	4.7	1.5	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Delta BHC	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Dieldrin	ND	4.7	1.5	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Endosulfan I	ND	4.7	2.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Endosulfan II	ND	4.7	2.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Endrin	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Heptachlor	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Methoxychlor	ND	4.7	0.46	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
cis_Nonachlor	ND	47	1.6	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
o,p - DDD	ND	4.7	0.54	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
o,p - DDE	ND	4.7	0.35	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
o,p - DDT	ND	4.7	0.95	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
trans-Nonachlor	ND	47	1.2	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
Tetrachloro-m-xylene‡	68.4	26-90		%	0.9434		625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-21:58SG
TOC AVT:1'4												
TOC	1.10	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-19:50AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : LAMW-5S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-009
Customer ID : 2-25173

Sampled On : September 20, 2016-10:00
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	2.18 ± 1.74	2.20	pCi/L	15		900.0	211468	09/27/16 09:50	900.0	214416-GP218	09/29/16-14:00caa
Gross Beta	2.28 ± 1.26	1.50	pCi/L	50	l	900.0	211468	09/27/16 09:50	900.0	214416-GP218	09/29/16-14:00caa
Strontium 90	0.000 ± 0.654	0.491	pCi/L	8		905.0	211658	09/27/16 19:30	905.0	214239-GP217	09/29/16-10:00caa
Total Alpha Radium (226)	0.039 ± 0.227	0.470	pCi/L	3		903.0	211579	09/26/16 18:30	903.0	214169-GP216	09/29/16-07:00caa
Tritium	312 ± 267	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/26/16-20:00caa
Uranium	0.000 ± 0.513	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-15:23caa
Ra 228	0.000 ± 0.484	0.253	pCi/L	2		Ra - 05	211580	09/27/16 19:30	Ra - 05	214396-GP218	10/03/16-20:20caa

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

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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.

October 14, 2016

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

Description : SMBRP-7B
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611120-014
Customer ID : 2-25173

Sampled On : September 20, 2016-14:00
Sampled By : Rincon (Field)
Received On : September 20, 2016-15:36
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 P:1												
Nitrate Nitrogen	0.0900	0.1	0.032	mg/L	1	J	4500NO3F	211400	09/21/16 11:45	4500NO3F	213764-FI207	09/21/16-12:33JDD
Nitrite Nitrogen	0.0150	0.1	0.011	mg/L	1	J	4500NO2F	211402	09/21/16 11:45	4500NO3F	213763-FI207	09/21/16-12:31JDD
Nitrogen, Organic	0.403	0.5	0.072	mg/L	1	b	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-06:48AMB
Ammonia Nitrogen	0.215	0.2	0.072	mg/L	1		4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-06:48AMB
Kjeldahl Nitrogen	0.618	0.5	0.19	mg/L	1	b	351.2	211513	09/24/16 06:52	EPA351.2	211902-FI206	09/26/16-08:54AMB
Phosphorus, Total	0.445	0.2	0.031	mg/L	2		4500-P B	211807	09/30/16 11:17	4500PE	214242-UV205	09/30/16-14:12SJN
Total Dissolved Solids (TFR)	3920	34	5.8	mg/L	1.7	b	2540CE	211444	09/22/16 10:48	2540C	213845-WT219	09/23/16-10:10CTL

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. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

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October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dibromoethane(EDB)	504	09/27/16:211607SBL	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2487	97.6 %	70-130	
			LCS	ug/L	0.2514	102 %	70-130	
			MS	ug/L	0.2456	114 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.2400	106 %	70-130	
			MSRPD	ug/L	0.5632	8.9%	≤30	
			QMDL	ug/L	0.01984	127 %	60-140	
1,3-Dibromopropane	504	09/27/16:211607SBL	Blank	ug/L	0.5815	107 %	70-130	
			LCS	ug/L	0.5837	103 %	70-130	
			LCS	ug/L	0.5901	105 %	70-130	
			MS	ug/L	0.5764	106 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.5632	107 %	70-130	
			MSRPD	ug/L	0.5632	1.8%	≤30	
			QMDL	ug/L	0.5864	126 %	70-130	
DBCP	504	09/27/16:211607SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2487	79.8 %	70-130	
			LCS	ug/L	0.2514	84.2 %	70-130	
			MS	ug/L	0.2456	76.5 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.2400	79.3 %	70-130	
			MSRPD	ug/L	0.5632	1.3%	≤30	
			QMDL	ug/L	0.01984	71.1 %	60-140	
13DBP	504.1	09/28/16:214053SBL	CCV	ug/L	7.481	130 %	70-130	
			CCV	ug/L	9.975	113 %	70-130	
			CCV	ug/L	7.481	126 %	70-130	
DBCP	504.1	09/28/16:214053SBL	CCV	ug/L	2.000	82.0 %	70-130	
			CCV	ug/L	5.000	89.2 %	70-130	
			CCV	ug/L	2.000	88.0 %	70-130	
EDB	504.1	09/28/16:214053SBL	CCV	ug/L	2.000	102 %	70-130	
			CCV	ug/L	5.000	104 %	70-130	
			CCV	ug/L	2.000	101 %	70-130	
Alachlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.2	
	505	09/27/16:213930SBL	CCV	ug/L	150.0	92.6 %	70-130	
			CCV	ug/L	100.0	108 %	70-130	
Aldrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.075	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	99.6 %	70-130	
			CCV	ug/L	10.00	125 %	70-130	
Chlordane	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
Dieldrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	80.6 %	70-130	
			CCV	ug/L	10.00	90.2 %	70-130	
Endrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	85.0 %	70-130	
			CCV	ug/L	10.00	87.2 %	70-130	
Heptachlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	94.2 %	70-130	
			CCV	ug/L	10.00	110 %	70-130	
Heptachlor Epoxide	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	90.8 %	70-130	
			CCV	ug/L	10.00	102 %	70-130	
Hexachlorobenzene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	93.5 %	70-130	
			CCV	ug/L	10.00	110 %	70-130	
Hexachlorocyclopentadiene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	97.8 %	70-130	
			CCV	ug/L	10.00	109 %	70-130	

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October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Lindane	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.05	
	505	09/27/16:213930SBL	CCV	ug/L	15.00	83.6 %	70-130	
			CCV	ug/L	10.00	93.1 %	70-130	
Methoxychlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
	505	09/27/16:213930SBL	CCV	ug/L	75.00	91.4 %	70-130	
			CCV	ug/L	50.00	97.1 %	70-130	
PCB 1016/1242 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1242	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	09/26/16:211552JOM	Blank	ug/L	1.106	99.3 %	70-130	
			LCS	ug/L	1.142	99.4 %	70-130	
			MS	ug/L	1.196	103 %	N/A	
		(STK1651769-001)	MSD	ug/L	1.176	1.1 %	N/A	
			MSRPD	ug/L	1.176	196%	≤30.0	435
	505	09/27/16:213930SBL	CCV	ug/L	30.03	98.7 %	70-130	
			CCV	ug/L	20.02	123 %	70-130	
Toxaphene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
Alachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	87.4 %	70-130	
			BS	ug/L	2.500	103 %	47-147	
			BSD	ug/L	2.500	87.3 %	47-147	
			BSRPD	ug/L	12.50	0.38	≤1	
	507	10/06/16:214531SG	CCV	ug/L	500.0	104 %	80-120	
			CCV	ug/L	1000	105 %	80-120	
Atrazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	101 %	70-130	
			BS	ug/L	2.500	86.5 %	52-154	
			BSD	ug/L	2.500	92.4 %	52-154	
			BSRPD	ug/L	12.50	0.15	≤0.5	
	507	10/06/16:214531SG	CCV	ug/L	500.0	101 %	80-120	
			CCV	ug/L	1000	95.0 %	80-120	
Bromacil	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	100 %	70-130	
			BS	ug/L	2.500	132 %	38-170	
			BSD	ug/L	2.500	99.6 %	38-170	
			BSRPD	ug/L	12.50	0.81	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	96.1 %	80-120	
			CCV	ug/L	1000	90.7 %	80-120	
Butachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	118 %	70-130	
			BS	ug/L	2.500	92.6 %	37-150	
			BSD	ug/L	2.500	111 %	37-150	
			BSRPD	ug/L	12.50	17.9%	≤53.8	
	507	10/06/16:214531SG	CCV	ug/L	500.0	117 %	80-120	
			CCV	ug/L	1000	109 %	80-120	
Cyanazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	105 %	70-130	
			BS	ug/L	2.500	119 %	41-152	
			BSD	ug/L	2.500	98.0 %	41-152	
			BSRPD	ug/L	12.50	19.5%	≤30	

October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Cyanazine	507	10/06/16:214531SG	CCV	ug/L	500.0	115 %	80-120	
			CCV	ug/L	1000	94.5 %	80-120	
Diazinon	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	75.8 %	70-130	
			BS	ug/L	2.500	68.4 %	56-128	
			BSD	ug/L	2.500	68.4 %	56-128	
			BSRPD	ug/L	12.50	0.0019	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	97.5 %	80-120	
			CCV	ug/L	1000	84.4 %	80-120	
Dimethoate	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	106 %	70-130	
			BS	ug/L	2.500	88.7 %	49-168	
			BSD	ug/L	2.500	94.4 %	49-168	
			BSRPD	ug/L	12.50	0.14	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	102 %	80-120	
			CCV	ug/L	1000	104 %	80-120	
EPN/Triphenylphosphate	507	09/28/16:211665SG	Blank	ug/L	12.50	88.4 %	70-130	
			LCS	ug/L	12.50	94.3 %	70-130	
			BS	ug/L	12.50	82.0 %	70-130	
			BSD	ug/L	12.50	93.0 %	70-130	
			BSRPD	ug/L	12.50	12.6%	≤30	
Metolachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	116 %	70-130	
			BS	ug/L	2.500	80.4 %	45-154	
			BSD	ug/L	2.500	79.2 %	45-154	
			BSRPD	ug/L	12.50	0.031	≤1	
	507	10/06/16:214531SG	CCV	ug/L	500.0	112 %	80-120	
			CCV	ug/L	1000	117 %	80-120	
Metribuzin	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	101 %	70-130	
			BS	ug/L	2.500	76.0 %	30-169	
			BSD	ug/L	2.500	96.5 %	30-169	
			BSRPD	ug/L	12.50	0.51	≤0.5	410
	507	10/06/16:214531SG	CCV	ug/L	500.0	82.4 %	80-120	
			CCV	ug/L	1000	81.8 %	80-120	
Molinate	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	100 %	70-130	
			BS	ug/L	2.500	81.7 %	19-191	
			BSD	ug/L	2.500	80.3 %	19-191	
			BSRPD	ug/L	12.50	0.034	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	114 %	80-120	
			CCV	ug/L	1000	90.4 %	80-120	
Prometryne	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	103 %	70-130	
			BS	ug/L	2.500	89.2 %	44-152	
			BSD	ug/L	2.500	106 %	44-152	
			BSRPD	ug/L	12.50	0.43	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	97.0 %	80-120	
			CCV	ug/L	1000	95.5 %	80-120	
Propachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	93.5 %	70-130	
			BS	ug/L	2.500	88.2 %	36-179	
			BSD	ug/L	2.500	101 %	36-179	
			BSRPD	ug/L	12.50	0.32	≤0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Propachlor	507	10/06/16:214531SG	CCV	ug/L	500.0	116 %	80-120	
			CCV	ug/L	1000	98.0 %	80-120	
Simazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	108 %	70-130	
			BS	ug/L	2.500	95.8 %	49-167	
			BSD	ug/L	2.500	102 %	49-167	
			BSRPD	ug/L	12.50	0.15	≤0.5	
	507	10/06/16:214531SG	CCV	ug/L	500.0	104 %	80-120	
			CCV	ug/L	1000	95.6 %	80-120	
Thiobencarb	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	102 %	70-130	
			BS	ug/L	2.500	76.2 %	50-148	
			BSD	ug/L	2.500	92.0 %	50-148	
			BSRPD	ug/L	12.50	0.40	≤1	
	507	10/06/16:214531SG	CCV	ug/L	500.0	96.8 %	80-120	
			CCV	ug/L	1000	93.7 %	80-120	
Triphenylphosphate	507	10/06/16:214531SG	CCV	ug/L	2500	114 %	80-120	
			CCV	ug/L	7501	112 %	80-120	
2,4,5-T	515.3	09/30/16:214256SG	CCV	ug/L	40.00	130 %	70-130	
			CCV	ug/L	80.00	128 %	70-130	
2,4,5-TP (Silvex)	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	129 %	70-130	
			MS	ug/L	4.000	123 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.15	≤1	
	515.3	09/30/16:214256SG	CCV	ug/L	40.00	125 %	70-130	
			CCV	ug/L	80.00	126 %	70-130	
2,4,5-Trichlorophenoxyacetic A	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	127 %	70-130	
			MS	ug/L	4.000	121 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	118 %	70-130	
			MSRPD	ug/L	20.00	0.11	≤1	
2,4-D	515.3	09/27/16:211634SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	129 %	70-130	
			MS	ug/L	8.000	119 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.089	≤2	
	515.3	09/30/16:214256SG	CCV	ug/L	80.00	120 %	70-130	
			CCV	ug/L	160.0	128 %	70-130	
2,4-DCAA	515.3	09/27/16:211634SG	Blank	ug/L	20.00	92.7 %	70-130	
			LCS	ug/L	20.00	107 %	70-130	
			MS	ug/L	20.00	96.5 %	N/A	
		(STK1652078-001)	MSD	ug/L	20.00	97.1 %	N/A	
			MSRPD	ug/L	20.00	0.6%	≤30.	
	515.3	09/30/16:214256SG	CCV	ug/L	200.0	111 %	70-130	
			CCV	ug/L	400.0	103 %	70-130	
Bentazon	515.3	09/27/16:211634SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	127 %	70-130	
			MS	ug/L	8.000	111 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	107 %	70-130	
			MSRPD	ug/L	20.00	0.31	≤2	
	515.3	09/30/16:214256SG	CCV	ug/L	80.00	122 %	70-130	
			CCV	ug/L	160.0	115 %	70-130	
Dalapon	515.3	09/27/16:211634SG	Blank	ug/L		ND	<10	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dalapon	515.3	09/27/16:211634SG	LCS	ug/L	52.00	83.1 %	70-130	
			MS	ug/L	52.00	103 %	70-130	
		(STK1652078-001)	MSD	ug/L	52.00	115 %	70-130	
			MSRPD	ug/L	20.00	10.5%	≤30.0	
	515.3	09/30/16:214256SG	CCV	ug/L	520.0	114 %	70-130	
			CCV	ug/L	1040	98.2 %	70-130	
Dicamba	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	122 %	70-130	
			MS	ug/L	4.000	116 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	114 %	70-130	
			MSRPD	ug/L	20.00	0.045	≤1	
	515.3	09/30/16:214256SG	CCV	ug/L	40.00	123 %	70-130	
			CCV	ug/L	80.00	124 %	70-130	
Dinoseb	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	128 %	70-130	
			MS	ug/L	8.000	115 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	111 %	70-130	
			MSRPD	ug/L	20.00	3.1%	≤30.0	
	515.3	09/30/16:214256SG	CCV	ug/L	80.00	120 %	70-130	
			CCV	ug/L	160.0	125 %	70-130	
Pentachlorophenol	515.3	09/27/16:211634SG	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	130 %	70-130	
			MS	ug/L	4.000	115 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	113 %	70-130	
			MSRPD	ug/L	20.00	1.7%	≤30.0	
	515.3	09/30/16:214256SG	CCV	ug/L	40.00	126 %	70-130	
			CCV	ug/L	80.00	125 %	70-130	
Picloram	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	117 %	70-130	
			MS	ug/L	4.000	109 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	110 %	70-130	
			MSRPD	ug/L	20.00	0.043	≤1	
	515.3	09/30/16:214256SG	CCV	ug/L	40.00	111 %	70-130	
			CCV	ug/L	80.00	123 %	70-130	
1,1,1,2-Tetrachloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.4 %	12-178	
		(SP 1611120-001)	MSD	ug/L	10.00	95.4 %	12-178	
			MSRPD	ug/L	10.00	3.2%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	94.6 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.3 %	12-178	
		(SP 1611200-001)	MSD	ug/L	10.00	75.5 %	12-178	
			MSRPD	ug/L	10.00	7.1%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	94.7 %	70-130	
1,1,1-Trichloroethane(TCA)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	102 %	9-176	
		(SP 1611120-001)	MSD	ug/L	10.00	107 %	9-176	
			MSRPD	ug/L	10.00	5.0%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.5 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.3 %	9-176	
		(SP 1611200-001)	MSD	ug/L	10.00	80.2 %	9-176	
			MSRPD	ug/L	10.00	6.3%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.2 %	70-130	

October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,1,2,2-Tetrachloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.9 %	23-180	
		(SP 1611120-001)	MSD	ug/L	10.00	102 %	23-180	
			MSRPD	ug/L	10.00	4.9%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	104 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.1 %	23-180	
		(SP 1611200-001)	MSD	ug/L	10.00	83.0 %	23-180	
			MSRPD	ug/L	10.00	10.0%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.5 %	70-130	
1,1,2-Trichloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.0 %	25-173	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	25-173	
			MSRPD	ug/L	10.00	4.5%	≤29	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	105 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.5 %	25-173	
		(SP 1611200-001)	MSD	ug/L	10.00	80.3 %	25-173	
			MSRPD	ug/L	10.00	11.6%	≤29	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.6 %	70-130	
1,1-Dichloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.9 %	15-161	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	15-161	
			MSRPD	ug/L	10.00	5.8%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.4 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.1 %	15-161	
		(SP 1611200-001)	MSD	ug/L	10.00	73.3 %	15-161	
			MSRPD	ug/L	10.00	7.3%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.8 %	70-130	
1,1-Dichloroethylene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.2 %	0-162	
		(SP 1611120-001)	MSD	ug/L	10.00	95.8 %	0-162	
			MSRPD	ug/L	10.00	8.2%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.0 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	62.9 %	0-162	
		(SP 1611200-001)	MSD	ug/L	10.00	68.2 %	0-162	
			MSRPD	ug/L	10.00	8.2%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	78.6 %	70-130	
1,1-Dichloropropene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	101 %	0-171	
		(SP 1611120-001)	MSD	ug/L	10.00	110 %	0-171	
			MSRPD	ug/L	10.00	8.1%	≤31	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	96.9 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.7 %	0-171	
		(SP 1611200-001)	MSD	ug/L	10.00	73.5 %	0-171	
			MSRPD	ug/L	10.00	5.2%	≤31	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	90.6 %	70-130	
1,2,3-Trichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.8 %	14-181	
		(SP 1611120-001)	MSD	ug/L	10.00	92.0 %	14-181	
			MSRPD	ug/L	10.00	1.2%	≤34	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2,3-Trichlorobenzene	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	101 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.0 %	14-181	
		(SP 1611200-001)	MSD	ug/L	10.00	72.2 %	14-181	
			MSRPD	ug/L	10.00	6.0%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	94.2 %	70-130	
1,2,4-Trichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.0 %	10-180	
		(SP 1611120-001)	MSD	ug/L	10.00	87.5 %	10-180	
			MSRPD	ug/L	10.00	1.8%	≤32	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	91.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.7 %	10-180	
		(SP 1611200-001)	MSD	ug/L	10.00	66.3 %	10-180	
			MSRPD	ug/L	10.00	0.6%	≤32	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	84.8 %	70-130	
1,2,4-Trimethylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.4 %	2-192	
		(SP 1611120-001)	MSD	ug/L	10.00	89.9 %	2-192	
			MSRPD	ug/L	10.00	7.5%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	90.4 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.0 %	2-192	
		(SP 1611200-001)	MSD	ug/L	10.00	71.7 %	2-192	
			MSRPD	ug/L	10.00	5.4%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	93.0 %	70-130	
1,2-Dichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.1 %	13-191	
		(SP 1611120-001)	MSD	ug/L	10.00	98.6 %	13-191	
			MSRPD	ug/L	10.00	5.8%	≤35	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.7 %	13-191	
		(SP 1611200-001)	MSD	ug/L	10.00	78.9 %	13-191	
			MSRPD	ug/L	10.00	5.6%	≤35	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.5 %	70-130	
1,2-Dichlorobenzene-d4	524.2	09/22/16:211610VRG	Blank	ug/L	10.00	93.4 %	70-130	
			MS	ug/L	10.00	104 %	70-130	
		(SP 1611120-001)	MSD	ug/L	10.00	105 %	70-130	
			MSRPD	ug/L	10.00	1.0%	≤20	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	102 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L	10.00	102 %	70-130	
			MS	ug/L	10.00	108 %	70-130	
		(SP 1611200-001)	MSD	ug/L	10.00	111 %	70-130	
			MSRPD	ug/L	10.00	3.2%	≤20	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	107 %	70-130	
1,2-Dichloroethane (EDC)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.0 %	18-162	
		(SP 1611120-001)	MSD	ug/L	10.00	102 %	18-162	
			MSRPD	ug/L	10.00	4.0%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	104 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	72.6 %	18-162	
		(SP 1611200-001)	MSD	ug/L	10.00	80.6 %	18-162	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dichloroethane (EDC)	524.2	09/27/16:211698VRG	MSRPD	ug/L	10.00	10.5%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	97.0 %	70-130	
1,2-Dichloropropane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.5 %	10-163	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	10-163	
			MSRPD	ug/L	10.00	5.4%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.8 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.0 %	10-163	
		(SP 1611200-001)	MSD	ug/L	10.00	76.2 %	10-163	
			MSRPD	ug/L	10.00	7.1%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	95.6 %	70-130	
1,3,5-Trimethylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.3 %	0-210	
		(SP 1611120-001)	MSD	ug/L	10.00	93.7 %	0-210	
			MSRPD	ug/L	10.00	5.9%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	89.8 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.6 %	0-210	
		(SP 1611200-001)	MSD	ug/L	10.00	72.5 %	0-210	
			MSRPD	ug/L	10.00	5.5%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.9 %	70-130	
1,3-Dichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.3 %	17-182	
		(SP 1611120-001)	MSD	ug/L	10.00	100 %	17-182	
			MSRPD	ug/L	10.00	5.3%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.4 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.6 %	17-182	
		(SP 1611200-001)	MSD	ug/L	10.00	80.5 %	17-182	
			MSRPD	ug/L	10.00	7.6%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	102 %	70-130	
1,3-Dichloropropane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	102 %	0-178	
		(SP 1611120-001)	MSD	ug/L	10.00	108 %	0-178	
			MSRPD	ug/L	10.00	5.7%	≤29	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	110 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.0 %	0-178	
		(SP 1611200-001)	MSD	ug/L	10.00	85.3 %	0-178	
			MSRPD	ug/L	10.00	14.3%	≤29	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	104 %	70-130	
1,4-Dichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.2 %	19-183	
		(SP 1611120-001)	MSD	ug/L	10.00	104 %	19-183	
			MSRPD	ug/L	10.00	5.8%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	103 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	78.6 %	19-183	
		(SP 1611200-001)	MSD	ug/L	10.00	84.0 %	19-183	
			MSRPD	ug/L	10.00	6.6%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	105 %	70-130	
2,2-Dichloropropane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.1 %	0-288	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2,2-Dichloropropane	524.2	(SP 1611120-001)	MSD	ug/L	10.00	91.5 %	0-288	
			MSRPD	ug/L	10.00	3.8%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	85.9 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	65.9 %	0-288	
		(SP 1611200-001)	MSD	ug/L	10.00	72.9 %	0-288	
			MSRPD	ug/L	10.00	10.1%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	88.0 %	70-130	
2-Chlorotoluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	17-180	
		(SP 1611120-001)	MSD	ug/L	10.00	111 %	17-180	
			MSRPD	ug/L	10.00	5.9%	≤38	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	105 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.2 %	17-180	
		(SP 1611200-001)	MSD	ug/L	10.00	82.5 %	17-180	
			MSRPD	ug/L	10.00	6.7%	≤38	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	108 %	70-130	
4-Bromofluorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L	10.00	99.6 %	70-130	
			MS	ug/L	10.00	121 %	70-130	
		(SP 1611120-001)	MSD	ug/L	10.00	120 %	70-130	
			MSRPD	ug/L	10.00	0.9%	≤30	
	524.2	09/27/16:211698VRG	Blank	ug/L	10.00	105 %	70-130	
			MS	ug/L	10.00	120 %	70-130	
		(SP 1611200-001)	MSD	ug/L	10.00	126 %	70-130	
			MSRPD	ug/L	10.00	5.3%	≤30	
4-Bromofluorobenzene (BFB)	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	116 %	70-130	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	118 %	70-130	
4-Chlorotoluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.4 %	11-177	
		(SP 1611120-001)	MSD	ug/L	10.00	96.7 %	11-177	
			MSRPD	ug/L	10.00	5.6%	≤41	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	93.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.2 %	11-177	
		(SP 1611200-001)	MSD	ug/L	10.00	75.8 %	11-177	
			MSRPD	ug/L	10.00	7.6%	≤41	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	94.4 %	70-130	
Benzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.9 %	12-158	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	12-158	
			MSRPD	ug/L	10.00	5.3%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.6 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.8 %	12-158	
		(SP 1611200-001)	MSD	ug/L	10.00	74.9 %	12-158	
			MSRPD	ug/L	10.00	8.4%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	93.3 %	70-130	
Bromobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.3 %	23-177	
		(SP 1611120-001)	MSD	ug/L	10.00	99.4 %	23-177	
			MSRPD	ug/L	10.00	5.3%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	99.4 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Bromobenzene	524.2		MS	ug/L	10.00	72.5 %	23-177	
		(SP 1611200-001)	MSD	ug/L	10.00	77.6 %	23-177	
			MSRPD	ug/L	10.00	6.7%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	96.9 %	70-130	
Bromochloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.6 %	4-186	
		(SP 1611120-001)	MSD	ug/L	10.00	96.5 %	4-186	
			MSRPD	ug/L	10.00	4.1%	≤30	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.5 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.2 %	4-186	
		(SP 1611200-001)	MSD	ug/L	10.00	73.4 %	4-186	
			MSRPD	ug/L	10.00	7.4%	≤30	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.2 %	70-130	
Bromodichloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	11-164	
		(SP 1611120-001)	MSD	ug/L	10.00	118 %	11-164	
			MSRPD	ug/L	10.00	6.1%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	116 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	85.9 %	11-164	
		(SP 1611200-001)	MSD	ug/L	10.00	89.2 %	11-164	
			MSRPD	ug/L	10.00	3.8%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	109 %	70-130	
Bromoform	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	145 %	0-235	
		(SP 1611120-001)	MSD	ug/L	10.00	147 %	0-235	
			MSRPD	ug/L	10.00	1.3%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	152 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	110 %	0-235	
		(SP 1611200-001)	MSD	ug/L	10.00	115 %	0-235	
			MSRPD	ug/L	10.00	4.3%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	129 %	70-130	
Bromomethane (Methyl Bromide)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	28.7 %	0-196	
		(SP 1611120-001)	MSD	ug/L	40.00	30.3 %	0-196	
			MSRPD	ug/L	10.00	5.7%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	171 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	19.9 %	0-196	
		(SP 1611200-001)	MSD	ug/L	40.00	29.2 %	0-196	
			MSRPD	ug/L	10.00	38.0%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	125 %	70-130	
Carbon Tetrachloride	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.4 %	5-175	
		(SP 1611120-001)	MSD	ug/L	10.00	104 %	5-175	
			MSRPD	ug/L	10.00	5.4%	≤32	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	94.9 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.6 %	5-175	
		(SP 1611200-001)	MSD	ug/L	10.00	77.5 %	5-175	
			MSRPD	ug/L	10.00	7.9%	≤32	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.2 %	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.4 %	14-175	
		(SP 1611120-001)	MSD	ug/L	10.00	99.6 %	14-175	
			MSRPD	ug/L	10.00	6.5%	≤35	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	96.5 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.3 %	14-175	
		(SP 1611200-001)	MSD	ug/L	10.00	77.6 %	14-175	
			MSRPD	ug/L	10.00	11.4%	≤35	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	95.5 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	23.7 %	0-184	
		(SP 1611120-001)	MSD	ug/L	40.00	25.4 %	0-184	
			MSRPD	ug/L	10.00	6.9%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	134 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	17.6 %	0-184	
		(SP 1611200-001)	MSD	ug/L	40.00	23.4 %	0-184	
			MSRPD	ug/L	10.00	28.1%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.3 %	70-130	
Chloroform	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	99.8 %	15-163	
		(SP 1611120-001)	MSD	ug/L	10.00	105 %	15-163	
			MSRPD	ug/L	10.00	4.6%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	103 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.9 %	15-163	
		(SP 1611200-001)	MSD	ug/L	10.00	82.5 %	15-163	
			MSRPD	ug/L	10.00	7.1%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	101 %	70-130	
Chloromethane(Methyl Chloride)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	32.6 %	0-224	
		(SP 1611120-001)	MSD	ug/L	40.00	35.6 %	0-224	
			MSRPD	ug/L	10.00	8.9%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	199 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	18.0 %	0-224	
		(SP 1611200-001)	MSD	ug/L	40.00	25.5 %	0-224	
			MSRPD	ug/L	10.00	34.5%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	106 %	70-130	
cis-1,2-Dichloroethylene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.7 %	16-172	
		(SP 1611120-001)	MSD	ug/L	10.00	102 %	16-172	
			MSRPD	ug/L	10.00	6.9%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.5 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.0 %	16-172	
		(SP 1611200-001)	MSD	ug/L	10.00	72.7 %	16-172	
			MSRPD	ug/L	10.00	9.8%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.5 %	70-130	
cis-1,3-Dichloropropene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	99.9 %	5-158	
		(SP 1611120-001)	MSD	ug/L	10.00	106 %	5-158	
			MSRPD	ug/L	10.00	6.1%	≤38	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
cis-1,3-Dichloropropene	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	101 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.4 %	5-158	
		(SP 1611200-001)	MSD	ug/L	10.00	82.4 %	5-158	
			MSRPD	ug/L	10.00	11.5%	≤38	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.4 %	70-130	
Dibromochloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	1-180	
		(SP 1611120-001)	MSD	ug/L	10.00	133 %	1-180	
			MSRPD	ug/L	10.00	3.8%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	136 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.2 %	1-180	
		(SP 1611200-001)	MSD	ug/L	10.00	105 %	1-180	
			MSRPD	ug/L	10.00	6.6%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	120 %	70-130	
Dibromomethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.0 %	11-168	
		(SP 1611120-001)	MSD	ug/L	10.00	100 %	11-168	
			MSRPD	ug/L	10.00	4.1%	≤28	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	104 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.8 %	11-168	
		(SP 1611200-001)	MSD	ug/L	10.00	78.4 %	11-168	
			MSRPD	ug/L	10.00	6.0%	≤28	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	95.6 %	70-130	
Dichlorodifluoromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	24.6 %	0-334	
		(SP 1611120-001)	MSD	ug/L	40.00	26.3 %	0-334	
			MSRPD	ug/L	10.00	6.6%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	143 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	12.8 %	0-334	
		(SP 1611200-001)	MSD	ug/L	40.00	18.7 %	0-334	
			MSRPD	ug/L	10.00	37.0%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	70.8 %	70-130	
Dichloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.6 %	20-157	
		(SP 1611120-001)	MSD	ug/L	10.00	96.1 %	20-157	
			MSRPD	ug/L	10.00	3.6%	≤36	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.4 %	20-157	
		(SP 1611200-001)	MSD	ug/L	10.00	72.8 %	20-157	
			MSRPD	ug/L	10.00	9.2%	≤36	
Ethyl tert-Butyl Ether	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	145 %	11-165	
		(SP 1611120-001)	MSD	ug/L	10.00	157 %	11-165	
			MSRPD	ug/L	10.00	7.5%	≤4	435
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	156 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	104 %	11-165	
		(SP 1611200-001)	MSD	ug/L	10.00	120 %	11-165	
			MSRPD	ug/L	10.00	1.7	≤3	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	144 %	70-130	360

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Ethylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.2 %	9-174	
		(SP 1611120-001)	MSD	ug/L	10.00	90.1 %	9-174	
			MSRPD	ug/L	10.00	6.7%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	85.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	61.2 %	9-174	
		(SP 1611200-001)	MSD	ug/L	10.00	67.7 %	9-174	
			MSRPD	ug/L	10.00	10.1%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	84.0 %	70-130	
Freon-11	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	30.3 %	0-232	
		(SP 1611120-001)	MSD	ug/L	40.00	33.2 %	0-232	
			MSRPD	ug/L	10.00	9.1%	≤35	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	20.5 %	0-232	
		(SP 1611200-001)	MSD	ug/L	40.00	29.7 %	0-232	
			MSRPD	ug/L	10.00	36.5%	≤35	435
Hexachlorobutadiene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.6 %	14-200	
		(SP 1611120-001)	MSD	ug/L	10.00	87.2 %	14-200	
			MSRPD	ug/L	10.00	0.7%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	87.7 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.6 %	14-200	
		(SP 1611200-001)	MSD	ug/L	10.00	69.9 %	14-200	
			MSRPD	ug/L	10.00	2.0%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	88.7 %	70-130	
Isopropyl Ether	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	110 %	8-165	
		(SP 1611120-001)	MSD	ug/L	10.00	119 %	8-165	
			MSRPD	ug/L	10.00	0.86	≤3	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	129 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	92.2 %	8-165	
		(SP 1611200-001)	MSD	ug/L	10.00	97.5 %	8-165	
			MSRPD	ug/L	10.00	0.54	≤3	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	118 %	70-130	
Isopropylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.9 %	4-159	
		(SP 1611120-001)	MSD	ug/L	10.00	92.1 %	4-159	
			MSRPD	ug/L	10.00	5.8%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	83.9 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	63.2 %	4-159	
		(SP 1611200-001)	MSD	ug/L	10.00	67.1 %	4-159	
			MSRPD	ug/L	10.00	6.0%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	84.6 %	70-130	
Methyl tert-Butyl Ether	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	150 %	70-130	360
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	133 %	70-130	360
Methyl tert-Butyl Ether (MTBE)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	141 %	11-168	
		(SP 1611120-001)	MSD	ug/L	10.00	152 %	11-168	
			MSRPD	ug/L	10.00	7.2%	≤29	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Methyl tert-Butyl Ether (MTBE)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	102 %	11-168	
		(SP 1611200-001)	MSD	ug/L	10.00	113 %	11-168	
			MSRPD	ug/L	10.00	9.8%	≤29	
Methylene Chloride	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	100 %	70-130	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.4 %	70-130	
Naphthalene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.9 %	0-189	
		(SP 1611120-001)	MSD	ug/L	10.00	79.0 %	0-189	
			MSRPD	ug/L	10.00	1.3%	≤32	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.5 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	59.5 %	0-189	
		(SP 1611200-001)	MSD	ug/L	10.00	61.3 %	0-189	
			MSRPD	ug/L	10.00	2.9%	≤32	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	76.7 %	70-130	
n-Butylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.0 %	4-186	
		(SP 1611120-001)	MSD	ug/L	10.00	93.2 %	4-186	
			MSRPD	ug/L	10.00	5.8%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	88.6 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.5 %	4-186	
		(SP 1611200-001)	MSD	ug/L	10.00	69.8 %	4-186	
			MSRPD	ug/L	10.00	1.8%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.7 %	70-130	
n-Propylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.3 %	0-174	
		(SP 1611120-001)	MSD	ug/L	10.00	95.4 %	0-174	
			MSRPD	ug/L	10.00	6.6%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	87.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	64.5 %	0-174	
		(SP 1611200-001)	MSD	ug/L	10.00	70.4 %	0-174	
			MSRPD	ug/L	10.00	8.8%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.4 %	70-130	
p-Isopropyltoluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.6 %	0-193	
		(SP 1611120-001)	MSD	ug/L	10.00	92.9 %	0-193	
			MSRPD	ug/L	10.00	5.8%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	87.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.3 %	0-193	
		(SP 1611200-001)	MSD	ug/L	10.00	70.2 %	0-193	
			MSRPD	ug/L	10.00	4.3%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.3 %	70-130	
sec-Butylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.7 %	0-177	
		(SP 1611120-001)	MSD	ug/L	10.00	94.3 %	0-177	
			MSRPD	ug/L	10.00	5.0%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.8 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.1 %	0-177	
		(SP 1611200-001)	MSD	ug/L	10.00	71.0 %	0-177	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
sec-Butylbenzene	524.2	09/27/16:211698VRG	MSRPD	ug/L	10.00	4.2%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.8 %	70-130	
Styrene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.9 %	0-198	
		(SP 1611120-001)	MSD	ug/L	10.00	79.4 %	0-198	
			MSRPD	ug/L	10.00	7.2%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	83.9 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	63.7 %	0-198	
		(SP 1611200-001)	MSD	ug/L	10.00	66.3 %	0-198	
			MSRPD	ug/L	10.00	4.0%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	87.2 %	70-130	
TAME	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	171 %	15-162	435
		(SP 1611120-001)	MSD	ug/L	10.00	185 %	15-162	435
			MSRPD	ug/L	10.00	7.7%	≤3	435
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	182 %	70-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	125 %	15-162	
		(SP 1611200-001)	MSD	ug/L	10.00	139 %	15-162	
			MSRPD	ug/L	10.00	1.3	≤3	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	167 %	70-130	360
tert-Butylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.2 %	9-179	
		(SP 1611120-001)	MSD	ug/L	10.00	92.0 %	9-179	
			MSRPD	ug/L	10.00	5.3%	≤38	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	84.1 %	30-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	65.6 %	9-179	
		(SP 1611200-001)	MSD	ug/L	10.00	68.8 %	9-179	
			MSRPD	ug/L	10.00	4.7%	≤38	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	86.2 %	30-130	
Tetrachloroethylene (PCE)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.7 %	14-186	
		(SP 1611120-001)	MSD	ug/L	10.00	101 %	14-186	
			MSRPD	ug/L	10.00	5.5%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	92.4 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.0 %	14-186	
		(SP 1611200-001)	MSD	ug/L	10.00	74.0 %	14-186	
			MSRPD	ug/L	10.00	4.0%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	93.3 %	70-130	
Toluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.3 %	3-174	
		(SP 1611120-001)	MSD	ug/L	10.00	101 %	3-174	
			MSRPD	ug/L	10.00	7.7%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	102 %	30-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.3 %	3-174	
		(SP 1611200-001)	MSD	ug/L	10.00	77.1 %	3-174	
			MSRPD	ug/L	10.00	7.8%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.3 %	30-130	
trans-1,2-Dichloroethylene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.2 %	5-165	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
trans-1,2-Dichloroethylene	524.2	(SP 1611120-001)	MSD	ug/L	10.00	95.1 %	5-165	
			MSRPD	ug/L	10.00	5.4%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	89.8 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	62.3 %	5-165	
		(SP 1611200-001)	MSD	ug/L	10.00	66.4 %	5-165	
			MSRPD	ug/L	10.00	6.4%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	80.6 %	70-130	
trans-1,3-Dichloropropene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.9 %	0-169	
		(SP 1611120-001)	MSD	ug/L	10.00	97.6 %	0-169	
			MSRPD	ug/L	10.00	6.0%	≤31	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.8 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	72.9 %	0-169	
		(SP 1611200-001)	MSD	ug/L	10.00	81.3 %	0-169	
			MSRPD	ug/L	10.00	11.0%	≤31	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	99.1 %	70-130	
Trichloroethylene (TCE)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.1 %	11-167	
		(SP 1611120-001)	MSD	ug/L	10.00	98.9 %	11-167	
			MSRPD	ug/L	10.00	6.1%	≤35	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	90.1 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.5 %	11-167	
		(SP 1611200-001)	MSD	ug/L	10.00	72.1 %	11-167	
			MSRPD	ug/L	10.00	6.6%	≤35	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	87.6 %	70-130	
Trichlorofluoromethane F-11	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	161 %	70-130	360
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	113 %	70-130	
Trichlorotrifluoroethane F-113	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.3 %	0-183	
		(SP 1611120-001)	MSD	ug/L	10.00	94.4 %	0-183	
			MSRPD	ug/L	10.00	6.7%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.6 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.8 %	0-183	
		(SP 1611200-001)	MSD	ug/L	10.00	75.6 %	0-183	
			MSRPD	ug/L	10.00	6.5%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	83.4 %	70-130	
Vinyl Chloride	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	35.8 %	0-208	
		(SP 1611120-001)	MSD	ug/L	40.00	40.1 %	0-208	
			MSRPD	ug/L	10.00	11.4%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	208 %	30-130	360
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	22.0 %	0-208	
		(SP 1611200-001)	MSD	ug/L	40.00	33.5 %	0-208	
			MSRPD	ug/L	10.00	41.4%	≤40	435
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	132 %	30-130	360
Xylenes m,p	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	88.0 %	0-193	
		(SP 1611120-001)	MSD	ug/L	20.00	93.6 %	0-193	
			MSRPD	ug/L	10.00	6.2%	≤37	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Xylenes m,p	524.2	09/23/16:214001VRG	CCV	ug/L	20.00	89.3 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	64.7 %	0-193	
		(SP 1611200-001)	MSD	ug/L	20.00	70.2 %	0-193	
			MSRPD	ug/L	10.00	8.1%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	20.00	90.5 %	70-130	
Xylenes o	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.7 %	0-188	
		(SP 1611120-001)	MSD	ug/L	10.00	90.6 %	0-188	
			MSRPD	ug/L	10.00	6.8%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.0 %	70-130	
	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	62.9 %	0-188	
		(SP 1611200-001)	MSD	ug/L	10.00	65.4 %	0-188	
			MSRPD	ug/L	10.00	3.9%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	85.6 %	70-130	
3-Hydroxycarbofuran	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	82.8 %	80-120	
			MS	ug/L	20.00	93.2 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	81.6 %	65-135	
			MSRPD	ug/L	20.00	13.3%	≤16.8	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	114 %	80-120	
			CCV	ug/L	20.00	89.8 %	80-120	
Aldicarb	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	93.0 %	80-120	
			MS	ug/L	20.00	92.4 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	84.2 %	65-135	
			MSRPD	ug/L	20.00	9.3%	≤11.2	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	115 %	80-120	
			CCV	ug/L	20.00	89.8 %	80-120	
Aldicarb Sulfone	531.1	09/29/16:214102SG	CCV	ug/L	10.00	115 %	80-120	
			CCV	ug/L	20.00	107 %	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	110 %	80-120	
			LCS	ug/L	20.00	107 %	80-120	
			MS	ug/L	20.00	95.4 %	65-135	
			MS	ug/L	20.00	110 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	87.8 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	104 %	65-135	
			MSRPD	ug/L	20.00	22.7%	≤13.8	435
			MSRPD	ug/L	20.00	8.3%	≤7.28	435
Aldicarb Sulfoxide	531.1	09/29/16:214102SG	CCV	ug/L	10.00	111 %	80-120	
			CCV	ug/L	20.00	88.0 %	80-120	
Carbaryl	531.1	09/29/16:214102SG	CCV	ug/L	10.00	83.4 %	80-120	
			CCV	ug/L	20.00	83.1 %	80-120	
Carbaryl/Naphthol	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	85.3 %	80-120	
			MS	ug/L	20.00	86.8 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	85.7 %	65-135	
			MSRPD	ug/L	20.00	0.21	≤5	
Carbofuran	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	84.0 %	80-120	
			MS	ug/L	20.00	90.8 %	65-135	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Carbofuran	531.1	(STK1651142-001)	MSD	ug/L	20.00	97.2 %	65-135	
			MSRPD	ug/L	20.00	1.3	≤5	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	103 %	80-120	
			CCV	ug/L	20.00	86.6 %	80-120	
Methomyl	531.1	09/28/16:211702SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	88.1 %	80-120	
			MS	ug/L	20.00	103 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	87.0 %	65-135	
			MSRPD	ug/L	20.00	16.5%	≤53.1	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	99.9 %	80-120	
			CCV	ug/L	20.00	114 %	80-120	
Oxamyl	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	89.6 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	129 %	65-135	
			MSRPD	ug/L	20.00	7.8	≤5	435
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	90.4 %	80-120	
			CCV	ug/L	20.00	93.0 %	80-120	
TOC	5310C	09/26/16:211516AMM	Blank	mg/L		ND	<0.3	
			BS	mg/L	15.00	111 %	75-125	
			BSD	mg/L	15.00	110 %	75-125	
			BSRPD	mg/L	15.00	1.5%	≤23.0	
	5310C	09/27/16:214089AMM	CCV	ppm	15.00	109 %	67-122	
			CCV	ppm	15.00	108 %	67-122	
Glyphosate	547	09/21/16:211419SG	Blank	ug/L		ND	<20	
			LCS	ug/L	200.0	101 %	71-129	
			MS	ug/L	200.0	102 %	56-139	
		(SP 1611142-001)	MSD	ug/L	200.0	99.3 %	56-139	
			MSRPD	ug/L	200.0	3.0%	≤15	
	547	09/22/16:213777SG	CCV	ug/L	200.0	95.3 %	80-120	
			CCV	ug/L	100.0	109 %	80-120	
			CCV	ug/L	200.0	102 %	80-120	
Endothall	548.1	09/21/16:211392SG	Blank	ug/L		5.5	40	
			LCS	ug/L	66.67	67.0 %	30-96	
			MS	ug/L	66.67	60.0 %	15-87	
		(SP 1611142-001)	MSD	ug/L	66.67	43.7 %	15-87	
			MSRPD	ug/L	66.67	11	≤40	
	548.1	09/30/16:214269SG	CCV	ug/L	2500	100 %	70-130	
			CCV	ug/L	1000	93.9 %	70-130	
Diquat Dibromide	549	09/22/16:211450SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	60.4 %	34-114	
			MS	ug/L	20.00	49.1 %	0-86	
		(SP 1611142-001)	MSD	ug/L	20.00	48.7 %	0-86	
			MSRPD	ug/L	20.00	0.061	≤2	
	549.2	09/23/16:213932SG	CCV	ug/L	1000	88.7 %	80-120	
			CCV	ug/L	500.0	86.8 %	80-120	
2,3-Dibromopropionic Acid	552	09/23/16:211501SBL	Blank	ug/L	5.000	111 %	70-130	
			LCS	ug/L	5.000	121 %	70-130	
			MS	ug/L	5.000	124 %	70-130	
		(SP 1610913-001)	MSD	ug/L	5.000	140 %	70-130	435
			MSRPD	ug/L	5.000	11.8%	≤20.0	
Dibromoacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	96.8 %	70-130	
			MS	ug/L	10.00	129 %	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dibromoacetic Acid	552	(SP 1610913-001)	MSD	ug/L	10.00	184 %	70-130	435
			MSRPD	ug/L	5.000	24.9%	≤20.0	435
Dichloroacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	99.2 %	70-130	
			MS	ug/L	10.00	105 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	141 %	70-130	435
			MSRPD	ug/L	5.000	23.7%	≤20.0	435
Monobromoacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	97.2 %	70-130	
			MS	ug/L	10.00	107 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	132 %	70-130	435
			MSRPD	ug/L	5.000	19.4%	≤20.0	
Monochloroacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	107 %	70-130	
			MS	ug/L	10.00	109 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	135 %	70-130	435
			MSRPD	ug/L	5.000	19.0%	≤20.0	
Trichloroacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	73.9 %	70-130	
			MS	ug/L	10.00	83.2 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	113 %	70-130	
			MSRPD	ug/L	5.000	28.7%	≤20.0	435
2,3-Dibromopropionic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	50.00	102 %	70-130	
			CCV	ug/L	50.00	88.5 %	70-130	
Dibromoacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	100.0	95.9 %	70-130	
			CCV	ug/L	150.0	83.7 %	70-130	
Dichloroacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	100.0	102 %	70-130	
			CCV	ug/L	150.0	85.0 %	70-130	
Monobromoacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	100.0	96.4 %	70-130	
			CCV	ug/L	150.0	77.2 %	70-130	
Monochloroacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	100.0	106 %	70-130	
			CCV	ug/L	150.0	85.3 %	70-130	
Trichloroacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	100.0	80.4 %	70-130	
			CCV	ug/L	150.0	71.4 %	70-130	
Chlordane	608	09/27/16:211539JOM	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	09/27/16:211539JOM	Blank	ug/L	0.5005	35.5 %	15-143	
			LCS	ug/L	0.5005	46.0 %	15-143	
			BS	ug/L	0.5005	61.2 %	26-141	
			BSD	ug/L	0.5005	71.8 %	26-141	
			BSRPD	ug/L	0.5005	16.0%	≤29	
	608	09/29/16:214106SBL	CCV	ug/L	100.1	102 %	85-115	
			CCV	ug/L	50.05	108 %	85-115	
Toxaphene	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.6 %	66-191	
		(SP 1611120-009)	MSD	ug/L	10.00	98.4 %	66-191	
			MSRPD	ug/L	10.00	0.8%	≤21	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,1,1-Trichloroethane(TCA)	624	09/22/16:213938VRG	CCV	ug/L	10.00	86.3 %	75-125	
1,1,2,2-Tetrachloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	30-180	
		(SP 1611120-009)	MSD	ug/L	10.00	119 %	30-180	
			MSRPD	ug/L	10.00	1.6%	≤19	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	105 %	60-140	
1,1,2-Trichloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	50-146	
		(SP 1611120-009)	MSD	ug/L	10.00	123 %	50-146	
			MSRPD	ug/L	10.00	7.5%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	104 %	71-129	
1,1-Dichloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	63-159	
		(SP 1611120-009)	MSD	ug/L	10.00	147 %	63-159	
			MSRPD	ug/L	10.00	0.3%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	129 %	72-128	360
1,1-Dichloroethylene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	107 %	0-279	
		(SP 1611120-009)	MSD	ug/L	10.00	113 %	0-279	
			MSRPD	ug/L	10.00	5.3%	≤36	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	102 %	51-150	
1,2-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	149 %	57-153	
		(SP 1611120-009)	MSD	ug/L	10.00	146 %	57-153	
			MSRPD	ug/L	10.00	1.6%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	127 %	63-137	
1,2-Dichloroethane (EDC)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	56-158	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	56-158	
			MSRPD	ug/L	10.00	7.0%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	101 %	68-132	
1,2-Dichloropropane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	55-152	
		(SP 1611120-009)	MSD	ug/L	10.00	126 %	55-152	
			MSRPD	ug/L	10.00	1.9%	≤23	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	114 %	34-166	
1,3-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	150 %	53-159	
		(SP 1611120-009)	MSD	ug/L	10.00	153 %	53-159	
			MSRPD	ug/L	10.00	1.7%	≤28	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	127 %	73-127	
1,4-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	159 %	53-161	
		(SP 1611120-009)	MSD	ug/L	10.00	158 %	53-161	
			MSRPD	ug/L	10.00	0.7%	≤27	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	138 %	63-137	360
2-Butanone (MEK)	624	09/22/16:211564VRG	Blank	ug/L		ND	<40	
			MS	ug/L	100.0	39.9 %	0-211	
		(SP 1611120-009)	MSD	ug/L	100.0	43.9 %	0-211	
			MSRPD	ug/L	10.00	4.1	≤40	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	49.1 %	20-230	
2-Chloroethylvinyl ether	624	09/22/16:211564VRG	Blank	ug/L		ND	<1	
			MS	ug/L	100.0	79.6 %	0-11	435
		(SP 1611120-009)	MSD	ug/L	100.0	80.4 %	0-11	435

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Chloroethylvinyl ether	624	09/22/16:211564VRG	MSRPD	ug/L	10.00	0.9%	≤3	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	93.7 %	10-224	
2-Hexanone	624	09/22/16:211564VRG	Blank	ug/L		ND	<30	
			MS	ug/L	100.0	40.3 %	0-190	
		(SP 1611120-009)	MSD	ug/L	100.0	40.4 %	0-190	
			MSRPD	ug/L	10.00	0.074	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	52.1 %	20-283	
4-Bromofluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	100 %	70-161	
			MS	ug/L	10.00	101 %	58-151	
		(SP 1611120-009)	MSD	ug/L	10.00	93.6 %	58-151	
			MSRPD	ug/L	10.00	8.1%	≤14	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	97.4 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	09/22/16:211564VRG	Blank	ug/L		ND	<30	
			MS	ug/L	100.0	48.0 %	0-194	
		(SP 1611120-009)	MSD	ug/L	100.0	51.5 %	0-194	
			MSRPD	ug/L	10.00	3.5	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	61.1 %	20-233	
Acetone	624	09/22/16:211564VRG	Blank	ug/L		ND	<25	
			MS	ug/L	100.0	61.9 %	0-270	
		(SP 1611120-009)	MSD	ug/L	100.0	62.0 %	0-270	
			MSRPD	ug/L	10.00	0.069	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	105 %	20-367	
Acrolein	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	200.0	102 %	0-171	
		(SP 1611120-009)	MSD	ug/L	200.0	119 %	0-171	
			MSRPD	ug/L	10.00	15.8%	≤50	
	624	09/22/16:213938VRG	CCV	ug/L	200.0	85.7 %	20-209	
Acrylonitrile	624	09/22/16:211564VRG	Blank	ug/L		ND	<2	
			MS	ug/L	200.0	147 %	0-244	
		(SP 1611120-009)	MSD	ug/L	200.0	150 %	0-244	
			MSRPD	ug/L	10.00	2.3%	≤47	
	624	09/22/16:213938VRG	CCV	ug/L	200.0	108 %	20-278	
Benzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	112 %	65-155	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	65-155	
			MSRPD	ug/L	10.00	0.6%	≤21	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	99.2 %	64-136	
Bromodichloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	62-150	
		(SP 1611120-009)	MSD	ug/L	10.00	131 %	62-150	
			MSRPD	ug/L	10.00	1.4%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	110 %	65-135	
Bromoform	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	64-150	
		(SP 1611120-009)	MSD	ug/L	10.00	138 %	64-150	
			MSRPD	ug/L	10.00	6.3%	≤16	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	132 %	71-129	360
Bromomethane (Methyl Bromide)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	272 %	48-196	435
		(SP 1611120-009)	MSD	ug/L	10.00	279 %	48-196	435
			MSRPD	ug/L	10.00	2.5%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	224 %	14-186	360
Carbon Disulfide	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	100.0	82.8 %	0-230	

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Organic								
Carbon Disulfide	624	(SP 1611120-009)	MSD	ug/L	100.0	82.5 %	0-230	
			MSRPD	ug/L	10.00	0.4%	≤72	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	103 %	20-242	
Carbon Tetrachloride	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	69-206	
		(SP 1611120-009)	MSD	ug/L	10.00	104 %	69-206	
			MSRPD	ug/L	10.00	0.7%	≤19	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	99.0 %	73-127	
Chlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	123 %	69-152	
		(SP 1611120-009)	MSD	ug/L	10.00	124 %	69-152	
			MSRPD	ug/L	10.00	1.0%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	108 %	66-134	
Chloroethane (Ethyl Chloride)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	170 %	53-214	
		(SP 1611120-009)	MSD	ug/L	10.00	168 %	53-214	
			MSRPD	ug/L	10.00	1.0%	≤32	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	136 %	38-162	
Chloroform	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	55-155	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	55-155	
			MSRPD	ug/L	10.00	0.9%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	104 %	67-133	
Chloromethane(Methyl Chloride)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	232 %	33-202	435
		(SP 1611120-009)	MSD	ug/L	10.00	253 %	33-202	435
			MSRPD	ug/L	10.00	8.8%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	265 %	0-204	360
cis-1,3-Dichloropropene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	59-142	
		(SP 1611120-009)	MSD	ug/L	10.00	131 %	59-142	
			MSRPD	ug/L	10.00	1.9%	≤23	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	116 %	24-176	
Dibromochloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	53-151	
		(SP 1611120-009)	MSD	ug/L	10.00	124 %	53-151	
			MSRPD	ug/L	10.00	2.9%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	116 %	67-133	
Dichloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<2	
			MS	ug/L	10.00	143 %	24-207	
		(SP 1611120-009)	MSD	ug/L	10.00	148 %	24-207	
			MSRPD	ug/L	10.00	2.8%	≤33	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	128 %	60-139	
Ethylbenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	170 %	45-194	
		(SP 1611120-009)	MSD	ug/L	10.00	151 %	45-194	
			MSRPD	ug/L	10.00	11.7%	≤31	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	132 %	59-141	
Fluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	96.7 %	72-139	
			MS	ug/L	10.00	101 %	90-121	
		(SP 1611120-009)	MSD	ug/L	10.00	95.4 %	90-121	
			MSRPD	ug/L	10.00	5.9%	≤3	435
	624	09/22/16:213938VRG	CCV	ug/L	10.00	94.6 %	70-130	
Freon-11	624	09/22/16:211564VRG	Blank	ug/L		ND	<2.0	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Freon-11	624		MS	ug/L	10.00	165 %	57-259	
		(SP 1611120-009)	MSD	ug/L	10.00	169 %	57-259	
			MSRPD	ug/L	10.00	1.9%	≤27	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	117 %	48-152	
Methyl tert-Butyl Ether (MTBE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	10.00	151 %	26-210	
		(SP 1611120-009)	MSD	ug/L	10.00	150 %	26-210	
			MSRPD	ug/L	10.00	0.13	≤5	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	135 %	63-178	
Pentafluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	70.3 %	59-151	
			MS	ug/L	10.00	73.9 %	74-148	
		(SP 1611120-009)	MSD	ug/L	10.00	76.1 %	74-148	
			MSRPD	ug/L	10.00	2.9%	≤10	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	76.7 %	70-130	
Styrene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	169 %	6-195	
		(SP 1611120-009)	MSD	ug/L	10.00	153 %	6-195	
			MSRPD	ug/L	10.00	9.9%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	133 %	67-158	
Tetrachloroethylene (PCE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	105 %	63-171	
		(SP 1611120-009)	MSD	ug/L	10.00	105 %	63-171	
			MSRPD	ug/L	10.00	0.6%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	90.9 %	73-127	
Toluene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	65-160	
		(SP 1611120-009)	MSD	ug/L	10.00	112 %	65-160	
			MSRPD	ug/L	10.00	1.2%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	101 %	74-126	
trans-1,2-Dichloroethylene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	68-179	
		(SP 1611120-009)	MSD	ug/L	10.00	132 %	68-179	
			MSRPD	ug/L	10.00	2.3%	≤51	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	112 %	69-131	
trans-1,3-Dichloropropene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	55-148	
		(SP 1611120-009)	MSD	ug/L	10.00	136 %	55-148	
			MSRPD	ug/L	10.00	1.0%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	121 %	50-150	
Trichloroethylene (TCE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	54-178	
		(SP 1611120-009)	MSD	ug/L	10.00	106 %	54-178	
			MSRPD	ug/L	10.00	9.7%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	98.9 %	66-134	
Vinyl Acetate	624	09/22/16:211564VRG	Blank	ug/L		ND	<10	
			MS	ug/L	100.0	102 %	0-331	
		(SP 1611120-009)	MSD	ug/L	100.0	107 %	0-331	
			MSRPD	ug/L	10.00	4.1%	≤44	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	116 %	20-393	
Vinyl Chloride	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	230 %	32-217	435
		(SP 1611120-009)	MSD	ug/L	10.00	250 %	32-217	435
			MSRPD	ug/L	10.00	8.4%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	171 %	4-196	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Xylenes m,p	624	09/22/16:211564VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	20.00	166 %	50-181	
		(SP 1611120-009)	MSD	ug/L	20.00	147 %	50-181	
			MSRPD	ug/L	10.00	12.3%	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	20.00	129 %	45-170	
Xylenes o	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	174 %	38-182	
		(SP 1611120-009)	MSD	ug/L	10.00	157 %	38-182	
			MSRPD	ug/L	10.00	10.1%	≤29	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	137 %	63-163	
1,2,4-Trichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	78.8 %	36-79	
			BS	ug/L	20.00	75.9 %	20-89	
			BSD	ug/L	20.00	69.3 %	20-89	
			BSRPD	ug/L	20.00	9.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	103 %	80-120	
1,2-Dichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.4 %	32-75	310
			BS	ug/L	20.00	81.1 %	18-83	
			BSD	ug/L	20.00	75.8 %	18-83	
			BSRPD	ug/L	20.00	6.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	111 %	80-120	
1,2-Diphenylhydrazine	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.8 %	63-89	310
			BS	ug/L	20.00	97.9 %	25-125	
			BSD	ug/L	20.00	87.5 %	25-125	
			BSRPD	ug/L	20.00	11.2%	≤30	
1,3-Dichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	73.6 %	25-67	310
			BS	ug/L	20.00	72.6 %	13-81	
			BSD	ug/L	20.00	68.8 %	13-81	
			BSRPD	ug/L	20.00	5.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
1,4-Dichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	75.9 %	26-70	310
			BS	ug/L	20.00	77.2 %	14-81	
			BSD	ug/L	20.00	69.1 %	14-81	
			BSRPD	ug/L	20.00	11.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	107 %	80-120	
2,4,5-Trichlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	106 %	63-122	
			BS	ug/L	20.00	98.8 %	26-151	
			BSD	ug/L	20.00	99.4 %	26-151	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	118 %	70-130	
2,4,6-Tribromophenol	625	09/21/16:211391JOM	Blank	ug/L	20.00	90.9 %	17-97	
			LCS	ug/L	20.00	96.4 %	17-97	
			BS	ug/L	20.00	89.5 %	17-97	
			BSD	ug/L	20.00	87.9 %	17-97	
			BSRPD	ug/L	20.00	1.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
2,4,6-Trichlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	67-124	
			BS	ug/L	20.00	99.0 %	24-139	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2,4,6-Trichlorophenol	625	09/21/16:211391JOM	BSD	ug/L	20.00	96.0 %	24-139	
			BSRPD	ug/L	20.00	3.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
2,4-Dichlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	94.9 %	68-112	
			BS	ug/L	20.00	96.1 %	22-139	
			BSD	ug/L	20.00	88.4 %	22-139	
			BSRPD	ug/L	20.00	8.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
2,4-Dimethylphenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	75.3 %	37-98	
			BS	ug/L	20.00	78.2 %	17-92	
			BSD	ug/L	20.00	71.3 %	17-92	
			BSRPD	ug/L	20.00	9.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
2,4-Dinitrophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	110 %	67-115	
			BS	ug/L	20.00	76.6 %	0-158	
			BSD	ug/L	20.00	100 %	0-158	
			BSRPD	ug/L	20.00	4.7	≤5	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	93.6 %	80-120	
2,4-Dinitrotoluene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	74-147	
			BS	ug/L	20.00	99.6 %	23-146	
			BSD	ug/L	20.00	101 %	23-146	
			BSRPD	ug/L	20.00	1.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
2,6-Dinitrotoluene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	108 %	63-144	
			BS	ug/L	20.00	108 %	22-152	
			BSD	ug/L	20.00	102 %	22-152	
			BSRPD	ug/L	20.00	5.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	118 %	80-120	
2-Chlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	95.5 %	50-108	
			BS	ug/L	20.00	94.3 %	26-118	
			BSD	ug/L	20.00	91.6 %	26-118	
			BSRPD	ug/L	20.00	2.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
2-Fluorobiphenyl	625	09/21/16:211391JOM	Blank	ug/L	10.00	78.0 %	10-99	
			LCS	ug/L	10.00	81.8 %	10-99	
			BS	ug/L	10.00	80.0 %	10-99	
			BSD	ug/L	10.00	73.2 %	10-99	
			BSRPD	ug/L	20.00	8.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	10.00	108 %	80-120	
2-Fluorophenol	625	09/21/16:211391JOM	Blank	ug/L	20.00	88.1 %	15-96	
			LCS	ug/L	20.00	80.7 %	15-96	
			BS	ug/L	20.00	76.9 %	15-96	
			BSD	ug/L	20.00	77.7 %	15-96	
			BSRPD	ug/L	20.00	1.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
2-Nitrophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	99.6 %	59-132	
			BS	ug/L	20.00	98.9 %	29-132	

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Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Nitrophenol	625	09/21/16:211391JOM	BSD	ug/L	20.00	97.0 %	29-132	
			BSRPD	ug/L	20.00	1.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	112 %	80-120	
3,3-Dichlorobenzidine	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	68.0 %	59-148	
			BS	ug/L	20.00	55.2 %	14-100	
			BSD	ug/L	20.00	71.2 %	14-100	
			BSRPD	ug/L	20.00	25.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	120 %	80-120	
4,6-Dinitro-2-methylphenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	107 %	85-109	
			BS	ug/L	20.00	91.5 %	18-165	
			BSD	ug/L	20.00	106 %	18-165	
			BSRPD	ug/L	20.00	15.1%	≤30	
4,6-Dinitro-o-cresol	625	09/27/16:214043SBL	CCV	mg/L	20.00	96.8 %	80-120	
4-Bromophenylphenylether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.1 %	64-116	
			BS	ug/L	20.00	97.6 %	22-130	
			BSD	ug/L	20.00	89.0 %	22-130	
			BSRPD	ug/L	20.00	9.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	107 %	80-120	
4-Nitrophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	129 %	61-102	310
			BS	ug/L	20.00	100 %	0-189	
			BSD	ug/L	20.00	119 %	0-189	
			BSRPD	ug/L	20.00	17.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	120 %	80-120	
Acenaphthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.8 %	15-122	
			BS	ug/L	20.00	94.7 %	26-118	
			BSD	ug/L	20.00	88.1 %	26-118	
			BSRPD	ug/L	20.00	7.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	111 %	80-120	
Acenaphthylene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.8 %	17-118	
			BS	ug/L	20.00	96.6 %	30-113	
			BSD	ug/L	20.00	90.2 %	30-113	
			BSRPD	ug/L	20.00	6.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	115 %	80-120	
Anthracene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	103 %	23-126	
			BS	ug/L	20.00	100 %	29-122	
			BSD	ug/L	20.00	100 %	29-122	
			BSRPD	ug/L	20.00	0.02%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
Azobenzene	625	09/27/16:214043SBL	CCV	mg/L	20.00	103 %	80-120	
Benzidine	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	0.2 %	6-32	320
			BS	ug/L	20.00	0.1 %	0-25	
			BSD	ug/L	20.00	0.0 %	0-25	
			BSRPD	ug/L	20.00	0.028	≤2	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	70-130	
Benzo(a)anthracene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	21-132	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Benzo(a)anthracene	625	09/21/16:211391JOM	BS	ug/L	20.00	110 %	22-121	
			BSD	ug/L	20.00	109 %	22-121	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
Benzo(a)pyrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	21-142	
			BS	ug/L	20.00	103 %	10-135	
			BSD	ug/L	20.00	109 %	10-135	
			BSRPD	ug/L	20.00	5.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	117 %	80-120	
Benzo(b)fluoranthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	20-137	
			BS	ug/L	20.00	104 %	18-126	
			BSD	ug/L	20.00	108 %	18-126	
			BSRPD	ug/L	20.00	3.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
Benzo(g,h,i)perylene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	4-153	
			BS	ug/L	20.00	116 %	13-133	
			BSD	ug/L	20.00	105 %	13-133	
			BSRPD	ug/L	20.00	9.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
Benzo(k)fluoranthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	24-133	
			BS	ug/L	20.00	106 %	18-129	
			BSD	ug/L	20.00	113 %	18-129	
			BSRPD	ug/L	20.00	6.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	107 %	80-120	
bis(2-Chloroethoxy)methane	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	92.8 %	54-112	
			BS	ug/L	20.00	92.6 %	23-130	
			BSD	ug/L	20.00	86.1 %	23-130	
			BSRPD	ug/L	20.00	7.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
bis(2-Chloroethyl)ether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	167 %	45-104	310
			BS	ug/L	20.00	137 %	23-121	436
			BSD	ug/L	20.00	139 %	23-121	436
			BSRPD	ug/L	20.00	1.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
bis(2-Chloroisopropyl)ether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	82.2 %	44-99	
			BS	ug/L	20.00	75.0 %	10-125	
			BSD	ug/L	20.00	75.0 %	10-125	
			BSRPD	ug/L	20.00	0.09%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	98.6 %	80-120	
bis(2-Ethylhexyl)phthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	101 %	49-123	
			BS	ug/L	20.00	116 %	15-146	
			BSD	ug/L	20.00	101 %	15-146	
			BSRPD	ug/L	20.00	12.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
Butylbenzylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	73.4 %	59-92	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Butylbenzylphthalate	625	09/21/16:211391JOM	BS	ug/L	20.00	62.3 %	36-130	
			BSD	ug/L	20.00	57.4 %	36-130	
			BSRPD	ug/L	20.00	8.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
Chloronaphthalene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	90.0 %	51-100	
			BS	ug/L	20.00	88.1 %	17-123	
			BSD	ug/L	20.00	80.6 %	17-123	
			BSRPD	ug/L	20.00	8.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
Chlorophenylphenylether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.8 %	63-114	
			BS	ug/L	20.00	91.6 %	21-128	
			BSD	ug/L	20.00	87.9 %	21-128	
			BSRPD	ug/L	20.00	4.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
Chrysene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	22-130	
			BS	ug/L	20.00	111 %	22-119	
			BSD	ug/L	20.00	111 %	22-119	
			BSRPD	ug/L	20.00	0.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	116 %	80-120	
Dibenzo(a,h)anthracene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	128 %	9-150	
			BS	ug/L	20.00	131 %	11-141	
			BSD	ug/L	20.00	117 %	11-141	
			BSRPD	ug/L	20.00	10.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	123 %	80-120	360
Diethylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	66.7 %	33-76	
			BS	ug/L	20.00	13.3 %	25-128	436
			BSD	ug/L	20.00	10.6 %	25-128	436
			BSRPD	ug/L	20.00	0.54	≤1	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	112 %	80-120	
Dimethylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	38.3 %	21-63	
			BS	ug/L	20.00	5.3 %	25-124	436
			BSD	ug/L	20.00	3.2 %	25-124	436
			BSRPD	ug/L	20.00	0.42	≤1	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
Di-n-butylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	92.8 %	18-127	
			BS	ug/L	20.00	60.3 %	34-130	
			BSD	ug/L	20.00	63.1 %	34-130	
			BSRPD	ug/L	20.00	4.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
Di-n-octylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.6 %	29-136	
			BS	ug/L	20.00	99.2 %	27-131	
			BSD	ug/L	20.00	92.2 %	27-131	
			BSRPD	ug/L	20.00	7.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	94.0 %	80-120	
Fluoranthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	112 %	24-127	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Fluoranthene	625	09/21/16:211391JOM	BS	ug/L	20.00	100 %	20-130	
			BSD	ug/L	20.00	111 %	20-130	
			BSRPD	ug/L	20.00	10.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
Fluorene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	100 %	20-123	
			BS	ug/L	20.00	98.5 %	25-126	
			BSD	ug/L	20.00	95.4 %	25-126	
			BSRPD	ug/L	20.00	3.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
Hexachlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.8 %	65-114	
			BS	ug/L	20.00	97.7 %	18-120	
			BSD	ug/L	20.00	92.6 %	18-120	
			BSRPD	ug/L	20.00	5.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
Hexachlorobutadiene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	60.7 %	20-61	
			BS	ug/L	20.00	51.5 %	13-84	
			BSD	ug/L	20.00	49.1 %	13-84	
			BSRPD	ug/L	20.00	4.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	103 %	80-120	
Hexachlorocyclopentadiene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	14.9 %	0-46	
			BS	ug/L	20.00	13.4 %	0-64	
			BSD	ug/L	20.00	13.5 %	0-64	
			BSRPD	ug/L	20.00	0.032	≤1	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	90.9 %	80-120	
Hexachloroethane	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	64.7 %	14-52	310
			BS	ug/L	20.00	59.7 %	9-76	
			BSD	ug/L	20.00	55.5 %	9-76	
			BSRPD	ug/L	20.00	7.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	112 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	122 %	3-158	
			BS	ug/L	20.00	136 %	0-153	
			BSD	ug/L	20.00	122 %	0-153	
			BSRPD	ug/L	20.00	10.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	125 %	80-120	360
Isophorone	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.6 %	55-108	
			BS	ug/L	20.00	95.5 %	26-122	
			BSD	ug/L	20.00	91.7 %	26-122	
			BSRPD	ug/L	20.00	4.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
Naphthalene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	91.3 %	7-117	
			BS	ug/L	20.00	88.9 %	24-103	
			BSD	ug/L	20.00	82.0 %	24-103	
			BSRPD	ug/L	20.00	8.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
Nitrobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.5 %	53-107	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Nitrobenzene	625	09/21/16:211391JOM	BS	ug/L	20.00	84.4 %	25-120	
			BSD	ug/L	20.00	80.4 %	25-120	
			BSRPD	ug/L	20.00	4.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
Nitrobenzene-d5	625	09/21/16:211391JOM	Blank	ug/L	10.00	84.6 %	11-102	
			LCS	ug/L	10.00	80.5 %	11-102	
			BS	ug/L	10.00	77.2 %	11-102	
			BSD	ug/L	10.00	69.4 %	11-102	
			BSRPD	ug/L	20.00	10.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	10.00	109 %	80-120	
N-Nitrosodimethylamine	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	85.6 %	34-102	
			BS	ug/L	20.00	79.9 %	13-128	
			BSD	ug/L	20.00	76.8 %	13-128	
			BSRPD	ug/L	20.00	4.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	102 %	80-120	
N-Nitrosodi-N-propylamine	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	91.2 %	48-108	
			BS	ug/L	20.00	91.9 %	9-142	
			BSD	ug/L	20.00	88.6 %	9-142	
			BSRPD	ug/L	20.00	3.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
N-Nitrosodiphenylamine	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	92.3 %	61-111	
			BS	ug/L	20.00	89.3 %	22-161	
			BSD	ug/L	20.00	86.1 %	22-161	
			BSRPD	ug/L	20.00	3.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	95.5 %	80-120	
p-Chloro-m-cresol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	103 %	68-111	
			BS	ug/L	20.00	103 %	25-139	
			BSD	ug/L	20.00	97.7 %	25-139	
			BSRPD	ug/L	20.00	5.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
Pentachlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	120 %	46-168	
			BS	ug/L	20.00	109 %	0-170	
			BSD	ug/L	20.00	119 %	0-170	
			BSRPD	ug/L	20.00	9.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	122 %	80-120	360
Phenanthrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	19-125	
			BS	ug/L	20.00	99.2 %	25-126	
			BSD	ug/L	20.00	97.1 %	25-126	
			BSRPD	ug/L	20.00	2.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
Phenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.3 %	49-104	
			BS	ug/L	20.00	92.5 %	23-124	
			BSD	ug/L	20.00	92.1 %	23-124	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
Phenol-d6	625	09/21/16:211391JOM	Blank	ug/L	20.00	75.0 %	9-103	
			LCS	ug/L	20.00	85.8 %	9-103	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Phenol-d6	625	09/21/16:211391JOM	BS	ug/L	20.00	78.4 %	9-103	
			BSD	ug/L	20.00	80.7 %	9-103	
			BSRPD	ug/L	20.00	2.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	114 %	80-120	
p-Terphenyl-d14	625	09/21/16:211391JOM	Blank	ug/L	10.00	87.4 %	25-123	
			LCS	ug/L	10.00	81.7 %	25-123	
			BS	ug/L	10.00	95.3 %	25-123	
			BSD	ug/L	10.00	86.4 %	25-123	
			BSRPD	ug/L	20.00	9.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	10.00	99.0 %	80-120	
Pyrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.0 %	15-138	
			BS	ug/L	20.00	105 %	31-121	
			BSD	ug/L	20.00	92.9 %	31-121	
			BSRPD	ug/L	20.00	11.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	99.6 %	80-120	
Pyridine	625	09/21/16:211391JOM	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	23.6 %	5-72	
			BS	ug/L	20.00	9.5 %	0-64	
			BSD	ug/L	20.00	9.1 %	0-64	
			BSRPD	ug/L	20.00	0.075	≤10	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
2,4`-DDD	625P	09/30/16:214450SG	CCV	ug/L	100.0	108 %	70-130	
2,4`-DDE	625P	09/30/16:214450SG	CCV	ug/L	100.0	113 %	70-130	
2,4`-DDT	625P	09/30/16:214450SG	CCV	ug/L	100.0	90.4 %	70-130	
Aldrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	95.8 %	0-131	
			BS	ug/L	0.1000	282 %	4-108	436
			BSD	ug/L	0.1000	91.1 %	4-108	
			BSRPD	ug/L	0.1000	102%	≤25	410
	625P	09/30/16:214450SG	CCV	ug/L	100.0	99.6 %	70-130	
Alpha BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	85.4 %	9-125	
			BS	ug/L	0.1000	88.3 %	17-100	
			BSD	ug/L	0.1000	84.2 %	17-100	
			BSRPD	ug/L	0.1000	4.8%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	129 %	70-130	
alpha-Chlordane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	81.4 %	14-126	
			BS	ug/L	0.1000	99.6 %	0-135	
			BSD	ug/L	0.1000	91.4 %	0-135	
			BSRPD	ug/L	0.1000	8.6%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	121 %	70-130	
Beta BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	94.0 %	13-125	
			BS	ug/L	0.1000	74.0 %	16-123	
			BSD	ug/L	0.1000	83.9 %	16-123	
			BSRPD	ug/L	0.1000	12.5%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	101 %	70-130	
cis_Nonachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	88.4 %	10-138	
			BS	ug/L	0.1000	98.9 %	0-120	
			BSD	ug/L	0.1000	98.0 %	0-120	
			BSRPD	ug/L	0.1000	0.9%	≤25	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
cis_Nonachlor	625P	09/30/16:214450SG	CCV	ug/L	100.0	112 %	70-130	
Delta BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	87.5 %	0-122	
			BS	ug/L	0.1000	70.3 %	0-112	
			BSD	ug/L	0.1000	77.7 %	0-112	
			BSRPD	ug/L	0.1000	10%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	98.9 %	70-130	
Dieldrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	91.7 %	19-120	
			BS	ug/L	0.1000	82.8 %	0-121	
			BSD	ug/L	0.1000	98.4 %	0-121	
			BSRPD	ug/L	0.1000	17.2%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	114 %	70-130	
Endosulfan I	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	89.5 %	18-129	
			BS	ug/L	0.1000	84.1 %	0-154	
			BSD	ug/L	0.1000	84.4 %	0-154	
			BSRPD	ug/L	0.1000	0.4%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	103 %	70-130	
Endosulfan II	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	96.7 %	22-128	
			BS	ug/L	0.1000	94.7 %	0-149	
			BSD	ug/L	0.1000	106 %	0-149	
			BSRPD	ug/L	0.1000	11.7%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	103 %	70-130	
Endosulfan Sulfate	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.9 %	32-106	
			BS	ug/L	0.1000	76.1 %	4-140	
			BSD	ug/L	0.1000	87.9 %	4-140	
			BSRPD	ug/L	0.1000	14.4%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	91.7 %	70-130	
Endrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	86.3 %	0-130	
			BS	ug/L	0.1000	42.5 %	7-101	
			BSD	ug/L	0.1000	69.9 %	7-101	
			BSRPD	ug/L	0.1000	48.8%	≤25	410
	625P	09/30/16:214450SG	CCV	ug/L	100.0	87.5 %	70-130	
Endrin Aldehyde	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	122 %	16-135	
			BS	ug/L	0.1000	100 %	0-148	
			BSD	ug/L	0.1000	99.6 %	0-148	
			BSRPD	ug/L	0.1000	0.4%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	117 %	70-130	
Endrin Ketone	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	69.4 %	25-121	
			BS	ug/L	0.1000	83.0 %	21-111	
			BSD	ug/L	0.1000	83.9 %	21-111	
			BSRPD	ug/L	0.1000	1.1%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	121 %	70-130	
gamma-Chlordane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	94.7 %	20-123	
			BS	ug/L	0.1000	103 %	1-116	
			BSD	ug/L	0.1000	104 %	1-116	
			BSRPD	ug/L	0.1000	0.6%	≤25	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
gamma-Chlordane	625P	09/30/16:214450SG	CCV	ug/L	100.0	130 %	70-130	
Heptachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	86.6 %	19-119	
			BS	ug/L	0.1000	70.2 %	13-100	
			BSD	ug/L	0.1000	73.1 %	13-100	
			BSRPD	ug/L	0.1000	4.0%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	114 %	70-130	
Heptachlor Epoxide	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	93.4 %	18-131	
			BS	ug/L	0.1000	111 %	0-127	
			BSD	ug/L	0.1000	98.9 %	0-127	
			BSRPD	ug/L	0.1000	11.5%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	122 %	70-130	
Lindane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	106 %	22-181	
			BS	ug/L	0.1000	95.0 %	0-234	
			BSD	ug/L	0.1000	104 %	0-234	
			BSRPD	ug/L	0.1000	8.6%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	119 %	70-130	
Methoxychlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	91.5 %	26-113	
			BS	ug/L	0.1000	87.4 %	2-107	
			BSD	ug/L	0.1000	94.3 %	2-107	
			BSRPD	ug/L	0.1000	7.5%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	88.6 %	70-130	
o,p - DDD	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	88.9 %	15-136	
			BS	ug/L	0.1000	94.3 %	12-118	
			BSD	ug/L	0.1000	99.1 %	12-118	
			BSRPD	ug/L	0.1000	5.0%	≤25	
o,p - DDE	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	90.1 %	23-124	
			BS	ug/L	0.1000	82.5 %	0-108	
			BSD	ug/L	0.1000	85.8 %	0-108	
			BSRPD	ug/L	0.1000	4.0%	≤25	
o,p - DDT	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	74.2 %	27-131	
			BS	ug/L	0.1000	78.3 %	0-124	
			BSD	ug/L	0.1000	73.9 %	0-124	
			BSRPD	ug/L	0.1000	5.8%	≤25	
p,p - DDD	625P	09/30/16:214450SG	CCV	ug/L	100.0	93.8 %	70-130	
p,p - DDE	625P	09/30/16:214450SG	CCV	ug/L	100.0	86.8 %	70-130	
p,p - DDT	625P	09/30/16:214450SG	CCV	ug/L	100.0	105 %	70-130	
p,p`-DDD	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	105 %	0-177	
			BS	ug/L	0.1000	80.8 %	17-107	
			BSD	ug/L	0.1000	85.1 %	17-107	
			BSRPD	ug/L	0.1000	5.2%	≤25	
p,p`-DDE	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	72.5 %	23-126	
			BS	ug/L	0.1000	76.4 %	2-107	
			BSD	ug/L	0.1000	77.1 %	2-107	
			BSRPD	ug/L	0.1000	0.9%	≤25	
p,p`-DDT	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
p,p`-DDT	625P	09/27/16:211614JOM	LCS	ug/L	0.1000	78.9 %	32-108	
			BS	ug/L	0.1000	89.9 %	0-128	
			BSD	ug/L	0.1000	90.0 %	0-128	
			BSRPD	ug/L	0.1000	0.2%	≤25	
Tetrachloro-m-xylene	625P	09/27/16:211614JOM	Blank	ug/L	0.1000	63.5 %	26-90	
			LCS	ug/L	0.1000	66.5 %	26-90	
			BS	ug/L	0.1000	62.5 %	26-90	
			BSD	ug/L	0.1000	65.9 %	26-90	
			BSRPD	ug/L	0.1000	5.3%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	104 %	70-130	
trans-Nonachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	95.0 %	9-139	
			BS	ug/L	0.1000	82.5 %	0-120	
			BSD	ug/L	0.1000	102 %	0-120	
			BSRPD	ug/L	0.1000	21.5%	≤25	
	625P	09/30/16:214450SG	CCV	ug/L	100.0	120 %	70-130	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration 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.
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

310	: LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
320	: LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
360	: CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
410	: Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
436	: Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Boron	200.7		MS	mg/L	4.000	99.9 %	75-125	
		(SP 1611134-001)	MSD	mg/L	4.000	101 %	75-125	
			MSRPD	mg/L	800.0	1.1%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	5.000	96.5 %	90-110	
			CCB	ppm		0.023	0.1	
			CCV	ppm	5.000	95.6 %	90-110	
			CCB	ppm		0.019	0.1	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<0.10	
			LCS	mg/L	4.000	87.6 %	85-115	
			MS	mg/L	4.000	101 %	75-125	
		(SP 1610963-001)	MSD	mg/L	4.000	105 %	75-125	
			MSRPD	mg/L	0.8000	3.4%	≤20.0	
	200.7	09/27/16:214062AC	CCV	ppm	5.000	99.3 %	90-110	
			CCB	ppm		0.050	0.1	
			CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.055	0.1	
Calcium	200.7		MS	mg/L	12.00	69.7 %	<¼	
		(SP 1611134-001)	MSD	mg/L	12.00	73.8 %	<¼	
			MSRPD	mg/L	800.0	0.3%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	25.00	94.4 %	90-110	
			CCB	ppm		-0.0008	1	
			CCV	ppm	25.00	94.3 %	90-110	
			CCB	ppm		-0.006	1	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	90.8 %	85-115	
			MS	mg/L	12.00	57.4 %	<¼	
		(SP 1610963-001)	MSD	mg/L	12.00	82.0 %	75-125	
			MSRPD	mg/L	0.8000	3.3%	≤20.0	
	200.7	09/27/16:214062AC	CCV	ppm	25.00	103 %	90-110	
			CCB	ppm		0.002	1	
			CCV	ppm	25.00	106 %	90-110	
			CCB	ppm		0.0002	1	
Copper	200.7		MS	ug/L	800.0	102 %	75-125	
		(SP 1611134-001)	MSD	ug/L	800.0	103 %	75-125	
			MSRPD	ug/L	800.0	0.7%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	1.000	96.5 %	90-110	
			CCB	ppm		-0.0005	0.01	
			CCV	ppm	1.000	96.4 %	90-110	
			CCB	ppm		-0.0003	0.01	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	85.6 %	85-115	
			MS	mg/L	0.8000	100 %	75-125	
		(SP 1610963-001)	MSD	mg/L	0.8000	103 %	75-125	
			MSRPD	mg/L	0.8000	3.0%	≤20.0	
	200.7	09/27/16:214062AC	CCV	ppm	1.000	97.4 %	90-110	
			CCB	ppm		-0.0005	0.01	
			CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.0006	0.01	
Iron	200.7		MS	ug/L	4000	99.3 %	75-125	
		(SP 1611134-001)	MSD	ug/L	4000	98.9 %	75-125	
			MSRPD	ug/L	800.0	0.4%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	5.000	98.2 %	90-110	
			CCB	ppm		0.0017	0.03	
			CCV	ppm	5.000	100 %	90-110	
			CCB	ppm		0.0025	0.03	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Iron	200.7	09/27/16:211611amb	Blank	mg/L		ND	<0.03	
			LCS	mg/L	4.000	90.6 %	85-115	
			MS	mg/L	4.000	88.9 %	75-125	
		(SP 1610963-001)	MSD	mg/L	4.000	98.0 %	75-125	
			MSRPD	mg/L	0.8000	3.2%	≤20	
	200.7	09/27/16:214062AC	CCV	ppm	5.000	101 %	90-110	
			CCB	ppm		0.0085	0.03	
			CCV	ppm	5.000	105 %	90-110	
			CCB	ppm		0.0100	0.03	
Magnesium	200.7		MS	mg/L	12.00	81.8 %	75-125	
		(SP 1611134-001)	MSD	mg/L	12.00	81.0 %	75-125	
			MSRPD	mg/L	800.0	0.08%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	25.00	94.8 %	90-110	
			CCB	ppm		0.001	1	
			CCV	ppm	25.00	94.7 %	90-110	
			CCB	ppm		-0.0003	1	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.8 %	85-115	
			MS	mg/L	12.00	80.2 %	75-125	
		(SP 1610963-001)	MSD	mg/L	12.00	94.9 %	75-125	
			MSRPD	mg/L	0.8000	3.2%	≤20	
	200.7	09/27/16:214062AC	CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.002	1	
			CCV	ppm	25.00	103 %	90-110	
			CCB	ppm		0.005	1	
Manganese	200.7		MS	ug/L	800.0	103 %	75-125	
		(SP 1611134-001)	MSD	ug/L	800.0	103 %	75-125	
			MSRPD	ug/L	800.0	0.4%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	1.000	98.3 %	90-110	
			CCB	ppm		0.00004	0.01	
			CCV	ppm	1.000	98.4 %	90-110	
			CCB	ppm		0.00004	0.01	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	90.2 %	85-115	
			MS	mg/L	0.8000	102 %	75-125	
		(SP 1610963-001)	MSD	mg/L	0.8000	107 %	75-125	
			MSRPD	mg/L	0.8000	3.6%	≤20.0	
	200.7	09/27/16:214062AC	CCV	ppm	1.000	103 %	90-110	
			CCB	ppm		0.00005	0.01	
			CCV	ppm	1.000	106 %	90-110	
			CCB	ppm		0.00005	0.01	
Potassium	200.7		MS	mg/L	12.00	112 %	75-125	
		(SP 1611134-001)	MSD	mg/L	12.00	112 %	75-125	
			MSRPD	mg/L	800.0	0.02%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	25.00	95.8 %	90-110	
			CCB	ppm		-0.11	1	
			CCV	ppm	25.00	95.6 %	90-110	
			CCB	ppm		-0.12	1	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.3 %	85-115	
			MS	mg/L	12.00	103 %	75-125	
		(SP 1610963-001)	MSD	mg/L	12.00	107 %	75-125	
			MSRPD	mg/L	0.8000	3.1%	≤20.0	
	200.7	09/27/16:214062AC	CCV	ppm	25.00	97.8 %	90-110	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Potassium	200.7	09/27/16:214062AC	CCB	ppm		0.37	1	
			CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		0.32	1	
Sodium	200.7		MS	mg/L	12.00	91.9 %	75-125	
		(SP 1611134-001)	MSD	mg/L	12.00	90.1 %	75-125	
			MSRPD	mg/L	800.0	0.2%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	25.00	97.2 %	90-110	
			CCB	ppm		0.34	1	
			CCV	ppm	25.00	97.5 %	90-110	
			CCB	ppm		0.30	1	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.6 %	85-115	
			MS	mg/L	12.00	57.3 %	<¼	
		(SP 1610963-001)	MSD	mg/L	12.00	85.8 %	75-125	
			MSRPD	mg/L	0.8000	3.4%	≤20.0	
	200.7	09/27/16:214062AC	CCV	ppm	25.00	98.8 %	90-110	
			CCB	ppm		0.19	1	
			CCV	ppm	25.00	104 %	90-110	
			CCB	ppm		0.17	1	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	93.2 %	85-115	
			MS	mg/L	12.00	-471 %	<¼	
		(CH 1678085-004)	MSD	mg/L	12.00	-409 %	<¼	
			MSRPD	mg/L	0.8000	2.0%	≤20.0	
	200.7	10/06/16:214618AC	CCV	ppm	25.00	97.6 %	90-110	
			CCB	ppm		0.24	1	
			CCV	ppm	25.00	98.9 %	90-110	
			CCB	ppm		0.19	1	
Zinc	200.7		MS	ug/L	800.0	98.9 %	75-125	
		(SP 1611134-001)	MSD	ug/L	800.0	99.7 %	75-125	
			MSRPD	ug/L	800.0	0.8%	≤20.0	
	200.7	09/21/16:213697AC	CCV	ppm	1.000	96.4 %	90-110	
			CCB	ppm		-0.0003	0.02	
			CCV	ppm	1.000	96.2 %	90-110	
			CCB	ppm		-0.0002	0.02	
	200.7	09/27/16:211611amb	Blank	mg/L		ND	<0.02	
			LCS	mg/L	0.8000	91.8 %	85-115	
			MS	mg/L	0.8000	104 %	75-125	
		(SP 1610963-001)	MSD	mg/L	0.8000	108 %	75-125	
			MSRPD	mg/L	0.8000	3.3%	≤20	
	200.7	09/27/16:214062AC	CCV	ppm	1.000	106 %	90-110	
			CCB	ppm		0.0011	0.02	
			CCV	ppm	1.000	108 %	90-110	
			CCB	ppm		0.0009	0.02	
Aluminum	200.8	10/05/16:214575AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.4	10	
			CCV	ppb	120.0	98.5 %	90-110	
			CCB	ppb		0.2	10	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	95.9 %	90-110	
			ICB	ppb		-0.02	10	
			CCV	ppb	120.0	94.4 %	90-110	
			CCB	ppb		0.05	10	
Antimony	200.8	10/04/16:214508AC	ICV	ppb	120.0	95.6 %	90-110	
			ICB	ppb		0.08	1	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Antimony	200.8	10/04/16:214508AC	CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		0.33	1	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	96.9 %	90-110	
			ICB	ppb		0.90	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.33	1	
Arsenic	200.8	10/04/16:214508AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.02	2	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.15	2	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	103 %	90-110	
			ICB	ppb		0.01	2	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.14	2	
Barium	200.8	10/04/16:214508AC	ICV	ppb	120.0	104 %	90-110	
			ICB	ppb		0.12	1	
			CCV	ppb	120.0	107 %	90-110	
			CCB	ppb		0.19	1	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	104 %	90-110	
			ICB	ppb		-0.01	1	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.1	1	
Beryllium	200.8	10/04/16:214508AC	ICV	ppb	120.0	91.2 %	90-110	
			ICB	ppb		0.029	0.2	
			CCV	ppb	120.0	95.1 %	90-110	
			CCB	ppb		0.069	0.2	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	91.7 %	90-110	
			ICB	ppb		0.01	0.2	
			CCV	ppb	120.0	90.6 %	90-110	
			CCB	ppb		0.108	0.2	
Cadmium	200.8	10/04/16:214508AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.051	0.2	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.107	0.2	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.002	0.2	
			CCV	ppb	120.0	105 %	90-110	
			CCB	ppb		0.134	0.2	
Chromium	200.8	10/04/16:214508AC	ICV	ppb	120.0	98.3 %	90-110	
			ICB	ppb		0.09	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.21	1	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	97.8 %	90-110	
			ICB	ppb		-0.07	1	
			CCV	ppb	120.0	99.4 %	90-110	
			CCB	ppb		0.1	1	
Copper	200.8	10/04/16:214508AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.068	0.5	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		-0.028	0.5	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		-0.007	0.5	
			CCV	ppb	120.0	99.1 %	90-110	
			CCB	ppb		0.111	0.5	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Lead	200.8	10/04/16:214508AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.041	0.5	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.090	0.5	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.008	0.5	
			CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.109	0.5	
Nickel	200.8	10/04/16:214508AC	ICV	ppb	120.0	99.4 %	90-110	
			ICB	ppb		0.03	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.07	1	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		-0.03	1	
			CCV	ppb	120.0	98.8 %	90-110	
			CCB	ppb		0.09	1	
Selenium	200.8	10/04/16:214508AC	ICV	ppb	120.0	102 %	90-110	
			ICB	ppb		-0.07	1	
			CCV	ppb	120.0	110 %	90-110	
			CCB	ppb		0.26	1	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	105 %	90-110	
			ICB	ppb		0.08	1	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.19	1	
Silver	200.8	10/04/16:214508AC	ICV	ppb	120.0	99.9 %	90-110	
			ICB	ppb		0.0270	0.25	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.0970	0.25	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.0070	0.25	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.1250	0.25	
Thallium	200.8	10/04/16:214508AC	ICV	ppb	120.0	98.2 %	90-110	
			ICB	ppb		0.054	0.2	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.114	0.2	
	200.8	10/14/16:215037AC	ICV	ppb	120.0	97.9 %	90-110	
			ICB	ppb		0.013	0.2	
			CCV	ppb	120.0	98.1 %	90-110	
			CCB	ppb		0.159	0.2	
Mercury	245.1	09/24/16:211519ac	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	99.0 %	85-115	
			MS	ug/L	0.2000	82.7 %	75-125	
		(CC 1683194-001)	MSD	ug/L	0.2000	86.3 %	75-125	
			MSRPD	ug/L	0.2000	4.1%	≤20	
	245.1	09/26/16:213926AC	CCV	ppt	200.0	104 %	90-110	
			CCB	ppt		-7.3	20	
			CCV	ppt	200.0	102 %	90-110	
			CCB	ppt		-10	20	
			CCV	ppt	200.0	102 %	90-110	
			CCB	ppt		-8.5	20	
Aluminum	3010	10/04/16:211956amb	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	111 %	75-125	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Aluminum	3010	(SP 1611294-006)	MSD	ug/L	40.00	98.9 %	75-125	
			MSRPD	ug/L	40.00	9.3%	≤20.0	
			PDS	ug/L	40.00	122 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	97.8 %	85-115	
			MS	ug/L	40.00	98.5 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	98.6 %	75-125	
			MSRPD	ug/L	40.00	0.06%	≤20.0	
			PDS	ug/L	40.00	101 %	75-125	
Antimony	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	106 %	75-125	
			MSRPD	ug/L	40.00	0.2%	≤20.0	
			PDS	ug/L	40.00	113 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	96.5 %	85-115	
			MS	ug/L	40.00	103 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	104 %	75-125	
			MSRPD	ug/L	40.00	0.8%	≤20.0	
			PDS	ug/L	40.00	105 %	75-125	
Arsenic	3010	10/04/16:211956amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	100 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	3.4%	≤20	
			PDS	ug/L	40.00	108 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	108 %	85-115	
			MS	ug/L	40.00	103 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	101 %	75-125	
			MSRPD	ug/L	40.00	1.5%	≤20	
			PDS	ug/L	40.00	102 %	75-125	
Barium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	111 %	85-115	
			MS	ug/L	40.00	118 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	135 %	75-125	435
			MSRPD	ug/L	40.00	7.0%	≤20.0	
			PDS	ug/L	40.00	136 %	75-125	430
	3010	10/13/16:212354amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	109 %	85-115	
			MS	ug/L	40.00	114 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	113 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20.0	
			PDS	ug/L	40.00	116 %	75-125	
Beryllium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	91.2 %	85-115	
			MS	ug/L	40.00	91.4 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	88.6 %	75-125	
			MSRPD	ug/L	40.00	3.1%	≤20.0	
			PDS	ug/L	40.00	93.6 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	94.6 %	85-115	
			MS	ug/L	40.00	89.3 %	75-125	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Beryllium	3010	(CC 1683450-001)	MSD	ug/L	40.00	87.5 %	75-125	
			MSRPD	ug/L	40.00	2.1%	≤20.0	
			PDS	ug/L	40.00	87.6 %	75-125	
Cadmium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	107 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	107 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20	
			PDS	ug/L	40.00	113 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	102 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	0.9%	≤20	
			PDS	ug/L	40.00	104 %	75-125	
Chromium	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	102 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	99.1 %	75-125	
			MSRPD	ug/L	40.00	3.1%	≤20	
			PDS	ug/L	40.00	106 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	101 %	85-115	
			MS	ug/L	40.00	102 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	103 %	75-125	
			MSRPD	ug/L	40.00	0.6%	≤20	
			PDS	ug/L	40.00	105 %	75-125	
Copper	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	101 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	97.0 %	75-125	
			MSRPD	ug/L	40.00	3.8%	≤20.0	
			PDS	ug/L	40.00	103 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	99.5 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	98.7 %	75-125	
			MSRPD	ug/L	40.00	0.6%	≤20.0	
			PDS	ug/L	40.00	99.1 %	75-125	
Lead	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	107 %	85-115	
			MS	ug/L	40.00	108 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	108 %	75-125	
			MSRPD	ug/L	40.00	0.6%	≤20.0	
			PDS	ug/L	40.00	115 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	108 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	108 %	75-125	
			MSRPD	ug/L	40.00	0.5%	≤20.0	
			PDS	ug/L	40.00	108 %	75-125	
Nickel	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	101 %	75-125	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Nickel	3010	(SP 1611294-006)	MSD	ug/L	40.00	101 %	75-125	
			MSRPD	ug/L	40.00	0.7%	≤20	
			PDS	ug/L	40.00	105 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	104 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	1.6%	≤20	
			PDS	ug/L	40.00	103 %	75-125	
Selenium	3010	10/04/16:211956amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	96.9 %	80-120	
			MS	ug/L	40.00	103 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20	
			PDS	ug/L	40.00	106 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	112 %	80-120	
			MS	ug/L	40.00	97.7 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	96.8 %	75-125	
			MSRPD	ug/L	40.00	1.0%	≤20	
			PDS	ug/L	40.00	95.9 %	75-125	
Silver	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.25	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	103 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	1.4%	≤20.0	
			PDS	ug/L	40.00	109 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<0.25	
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	98.7 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	99.0 %	75-125	
			MSRPD	ug/L	40.00	0.3%	≤20.0	
			PDS	ug/L	40.00	98.7 %	75-125	
Thallium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	105 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20.0	
			PDS	ug/L	40.00	113 %	75-125	
	3010	10/13/16:212354amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	100 %	85-115	
			MS	ug/L	40.00	104 %	75-125	
		(CC 1683450-001)	MSD	ug/L	40.00	104 %	75-125	
			MSRPD	ug/L	40.00	0.5%	≤20.0	
			PDS	ug/L	40.00	104 %	75-125	
Wet Chem								
Oil and Grease	1664	09/29/16:211764AMM	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	89.6 %	78-114	
			BS	mg/L	44.89	84.4 %	78-114	
			BSD	mg/L	44.89	82.4 %	78-114	
			BSRPD	mg/L	44.89	2.4%	≤18	
	1664	10/04/16:211831AMM	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	94.4 %	78-114	
			BS	mg/L	44.89	88.6 %	78-114	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Oil and Grease	1664	10/04/16:211831AMM	BSD	mg/L	44.89	92.2 %	78-114	
			BSRPD	mg/L	44.89	4.0%	≤18	
Color	2120B	(SP 1611146-001)	Dup	units		0.0	5	
	2120B	09/21/16:214081jmg	CCB	units		0.00	5.0	
			CCV	units	10.00	100 %	90-110	
Turbidity	2130B	(CC 1683299-001)	Dup	NTU		3.0%	20	
	2130B	09/21/16:213778jba	CCV	NTU	10.00	105 %	90-110	
			CCB	NTU		0.091	0.1	
			CCV	NTU	10.00	105 %	90-110	
			CCB	NTU		0.083	0.1	
Odor	2150B	(SP 1611146-001)	Dup	TON		0.0	1	
Chromium VI	218.6	09/23/16:211616mca	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.000	98.3 %	90-110	
			MS	ug/L	2.000	97.2 %	75-125	
		(SP 1611129-001)	MSD	ug/L	2.000	92.2 %	75-125	
			MSRPD	ug/L	2.000	5.1%	≤20	
			MS	ug/L	2.000	97.2 %	75-125	
		(SP 1611142-001)	MSD	ug/L	2.000	100 %	75-125	
			MSRPD	ug/L	2.000	2.4%	≤20	
	218.6	09/23/16:214002MCA	CCB	ppb		0.000	0.1	
			CCV	ppb	5.000	101 %	95-105	
			CCB	ppb		0.000	0.1	
			CCV	ppb	5.000	101 %	95-105	
Alkalinity (as CaCO3)	2320B	(CH 1678232-001)	Dup	mg/L		0.4%	10	
	2320B	09/21/16:213727AMB	CCV	mg/L	234.9	99.8 %	90-110	
			CCV	mg/L	234.9	101 %	90-110	
Bicarbonate	2320B	(CH 1678232-001)	Dup	mg/L		0.4%	10	
Carbonate	2320B	(CH 1678232-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(CH 1678232-001)	Dup	mg/L		0.0	10	
Conductivity	2510B	09/21/16:213733JMG	ICB	umhos/cm		0.06	1	
			ICV	umhos/cm	1000	101 %	95-105	
			CCV	umhos/cm	1000	101 %	95-105	
E. C.	2510B	09/21/16:211380jmg	Blank	umhos/cm		ND	<1	
		(CC 1683259-001)	Dup	umhos/cm		0.0%	5	
Total Dissolved Solids (TFR)	2540CE	09/21/16:211395CTL	Blank	mg/L		7.1	20	
			LCS	mg/L	996.9	101 %	90-110	
		(STK1651594-001)	Dup	mg/L		1.2%	5	
	2540CE	09/22/16:211444CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	996.9	96.7 %	90-110	
		(SP 1611128-011)	Dup	mg/L		0.0%	5	
Solids, Suspended	2540D	09/26/16:211562JBA	Blank	mg/L		ND	<1	
			LCS	mg/L	50.10	86.8 %	38-138	
			LCS	mg/L	50.10	88.8 %	38-138	
		(VI 1644016-001)	Dup	mg/L		2.7%	28.7	
Chloride	300.0	09/20/16:211412MCA	Blank	mg/L		ND	<1	
			LCS	mg/L	25.00	93.9 %	90-110	
			MS	mg/L	500.0	101 %	85-121	
		(STK1651774-001)	MSD	mg/L	500.0	100 %	85-121	
			MSRPD	mg/L	100.0	0.5%	≤19	
			MS	mg/L	500.0	100 %	85-121	
		(STK1651776-001)	MSD	mg/L	500.0	99.4 %	85-121	
			MSRPD	mg/L	100.0	0.7%	≤19	
	300.0	09/20/16:213760mca	CCB	ppm		0.89	1	
			CCV	ppm	25.00	94.7 %	90-110	

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Wet Chem								
Chloride	300.0	09/20/16:213760mca	CCB	ppm		0.06	1	
			CCV	ppm	25.00	94.8 %	90-110	
Fluoride	300.0	09/20/16:211412MCA	Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	100 %	90-110	
			MS	mg/L	50.00	99.5 %	87-120	
		(STK1651774-001)	MSD	mg/L	50.00	99.1 %	87-120	
			MSRPD	mg/L	100.0	0.3%	≤16	
			MS	mg/L	50.00	99.4 %	87-120	
		(STK1651776-001)	MSD	mg/L	50.00	98.9 %	87-120	
			MSRPD	mg/L	100.0	0.5%	≤16	
	300.0	09/20/16:213760mca	CCB	ppm		0.000	0.1	
			CCV	ppm	2.500	99.6 %	90-110	
			CCB	ppm		0.000	0.1	
			CCV	ppm	2.500	101 %	90-110	
Nitrate	300.0	09/20/16:211412MCA	Blank	mg/L		ND	<0.5	
			LCS	mg/L	20.00	95.4 %	90-110	
			MS	mg/L	400.0	99.6 %	85-119	
		(STK1651774-001)	MSD	mg/L	400.0	99.0 %	85-119	
			MSRPD	mg/L	100.0	0.6%	≤19	
			MS	mg/L	400.0	99.3 %	85-119	
		(STK1651776-001)	MSD	mg/L	400.0	98.5 %	85-119	
			MSRPD	mg/L	100.0	0.8%	≤19	
	300.0	09/20/16:213760mca	CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	96.3 %	90-110	
			CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	96.3 %	90-110	
Nitrite	300.0	09/20/16:211412MCA	Blank	mg/L		ND	<0.5	
			LCS	mg/L	15.00	98.2 %	90-110	
			MS	mg/L	300.0	102 %	74-126	
		(STK1651774-001)	MSD	mg/L	300.0	101 %	74-126	
			MSRPD	mg/L	100.0	0.3%	≤20	
			MS	mg/L	300.0	101 %	74-126	
		(STK1651776-001)	MSD	mg/L	300.0	100 %	74-126	
			MSRPD	mg/L	100.0	0.6%	≤20	
	300.0	09/20/16:213760mca	CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	97.7 %	90-110	
			CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	97.8 %	90-110	
Sulfate	300.0	09/20/16:211412MCA	Blank	mg/L		ND	<0.5	
			LCS	mg/L	50.00	95.0 %	90-110	
			MS	mg/L	1000	101 %	82-124	
		(STK1651774-001)	MSD	mg/L	1000	100 %	82-124	
			MSRPD	mg/L	100.0	0.5%	≤23	
			MS	mg/L	1000	101 %	82-124	
		(STK1651776-001)	MSD	mg/L	1000	100 %	82-124	
			MSRPD	mg/L	100.0	0.7%	≤23	
	300.0	09/20/16:213760mca	CCB	ppm		0.084	0.5	
			CCV	ppm	50.00	95.6 %	90-110	
			CCB	ppm		0.086	0.5	
			CCV	ppm	50.00	95.6 %	90-110	
Perchlorate	314.0	09/23/16:211486SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	87.8 %	85-115	
			MS	ug/L	25.00	88.2 %	80-120	
		(SP 1610959-001)	MSD	ug/L	25.00	88.2 %	80-120	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Perchlorate	314.0	09/23/16:211486SBL	MSRPD	ug/L	25.00	0.02%	≤15	
	314.0	09/23/16:213927SBL	CCB	ppb		0.00	1.0	
			CCV	ppb	10.00	88.5 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	10.00	91.4 %	85-115	
Nitrogen, Total Kjeldahl	351.2	09/21/16:211378jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	84.1 %	73-124	
			MS	mg/L	12.00	79.7 %	54-136	
		(SP 1610416-001)	MSD	mg/L	12.00	75.1 %	54-136	
			MSRPD	mg/L	12.00	6.2%	≤27	
	351.2	09/23/16:211470jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	77.5 %	73-124	
			MS	mg/L	12.00	70.5 %	54-136	
		(CC 1683290-003)	MSD	mg/L	12.00	70.2 %	54-136	
			MSRPD	mg/L	12.00	0.4%	≤27	
	351.2	09/24/16:211513jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	79.9 %	73-124	
			MS	mg/L	12.00	57.3 %	54-136	
		(CC 1683076-001)	MSD	mg/L	12.00	53.8 %	54-136	
			MSRPD	mg/L	12.00	6.3%	≤27	
Chlorine	4500ClG	09/22/16:213837SJN	CCV	mg/L	1.012	96.7 %	90-110	
			CCB	mg/L		-0.014	0.1	
			CCV	mg/L	1.012	96.3 %	90-110	
			CCB	mg/L		-0.014	0.1	
Chlorine, Residual	4500ClG	(SP 1611199-002)	Dup	mg/L		0.0081	0.1	
Cyanide	4500CNCE	10/02/16:214313AMM	CCV	mg/L	0.1000	99.2 %	90-110	
			CCB	mg/L		0.00008	0.004	
			CCV	mg/L	0.1000	99.5 %	90-110	
			CCB	mg/L		0.00008	0.004	
Cyanide, Total	4500CNCE	10/01/16:211863AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	97.9 %	90-110	
			LCS	mg/L	0.4000	96.7 %	90-110	
			MS	mg/L	0.05000	91.8 %	26-226	
		(SP 1611120-001)	MSD	mg/L	0.05000	95.6 %	26-226	
			MSRPD	mg/L	0.05000	4.1%	≤36	
pH	4500-H B	(SP 1611224-001)	Dup	units		0.8%	4.80	
	4500HB	09/22/16:213809JMG	CCV	units	8.000	99.8 %	95-105	
			CCV	units	8.000	99.6 %	95-105	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	87.4 %	70-130	
		(STK1651881-001)	MSD	mg/L	2.000	93.6 %	70-130	
			MSRPD	mg/L	2.000	7.0%	≤20	
			MS	mg/L	2.000	110 %	70-130	
		(VI 1643927-006)	MSD	mg/L	2.000	111 %	70-130	
			MSRPD	mg/L	2.000	1.0%	≤20	
	4500NH3G	09/27/16:213992AMB	ICB	mg/L		-0.036	0.2	
			ICV	mg/L	2.000	108 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	103 %	90-110	
			CCB	mg/L		-0.168	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	107 %	90-110	
	4500NH3G		MS	mg/L	2.000	114 %	70-130	
		(CC 1683369-001)	MSD	mg/L	2.000	105 %	70-130	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Ammonia Nitrogen	4500NH3G	09/29/16:211726AMB	MSRPD	mg/L	2.000	6.9%	≤20	
	4500NH3G	09/29/16:214161AMB	CCB	mg/L		0.093	0.2	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		0.066	0.2	
			CCV	mg/L	2.000	105 %	90-110	
	4500NH3G	(SP 1611479-003)	MS	mg/L	2.000	117 %	70-130	
			MSD	mg/L	2.000	117 %	70-130	
			MSRPD	mg/L	2.000	0.6%	≤20	
	4500NH3G	09/30/16:214218AMB	CCB	mg/L		-0.084	0.2	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		-0.065	0.2	
			CCV	mg/L	2.000	110 %	90-110	
Nitrite as Nitrogen	4500NO2F	(SP 1611158-002)	MS	mg/L	1.270	93.1 %	50-150	
			MSD	mg/L	1.270	94.2 %	50-150	
			MSRPD	mg/L	1.270	1.2%	≤30	
Nitrate + Nitrite as N	4500NO3F	(SP 1611158-002)	MS	mg/L	10.00	105 %	5-285	
			MSD	mg/L	10.00	107 %	5-285	
			MSRPD	mg/L	10.00	1.1%	≤30.4	
	4500NO3F	09/21/16:213764JDD	ICB	mg/L		0.060	0.1	
			ICV	mg/L	11.27	94.8 %	90-110	
			CCB	mg/L		0.068	0.1	
			CCV	mg/L	11.27	93.8 %	90-110	
Nitrite as Nitrogen	4500NO3F	09/21/16:213763JDD	ICB	mg/L		0.00300	0.012	
			ICV	mg/L	1.270	93.5 %	90-110	
			CCB	mg/L		0.00200	0.012	
			CCV	mg/L	1.270	93.5 %	90-110	
Phosphorus	4500-P B	09/30/16:211807sjn	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	97.2 %	90-116	
			MS	mg/L	0.2500	-833 %	<¼	
		(CC 1683311-001)	MSD	mg/L	0.2500	-933 %	<¼	
			MSRPD	mg/L	0.2500	5.4%	≤13.2	
Total Phosphorus	4500PE	09/30/16:214242SJN	CCB	mg/L		-0.016	0.1	
			CCV	mg/L	0.5000	90.0 %	90-110	
			CCB	mg/L		-0.008	0.1	
			CCV	mg/L	0.5000	93.3 %	90-110	
BOD	5210B	09/21/16:211382kmm	RgBlk	mg/L		0.30	2	
			LCS	mg/L	198.0	101 %	84.6-115	
			LCS	mg/L	198.0	107 %	84.6-115	
		(SP 1611103-001)	Dup	mg/L		4.6%	15.9	
		(SP 1611103-001)	Dup	mg/L		28.2%	15.9	440
	5210B	09/26/16:213941KMM	CCV	mg/L	1.000	94.1 %	80-120	
			CCV	mg/L	1.000	94.7 %	80-120	
MBAS	5540C	09/21/16:213798jba	CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	102 %	90-110	
			CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	101 %	90-110	
			CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	105 %	90-110	
MBAS Extraction	5540C	09/21/16:211431jba	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	106 %	86-114	
			BS	mg/L	0.5000	102 %	86-114	
			BSD	mg/L	0.5000	102 %	86-114	
			BSRPD	mg/L	0.5000	0.0%	≤5	
Nitrogen, Total Kjeldahl	EPA351.2	09/23/16:213843AMB	CCB	mg/L		-0.106	0.5	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	EPA351.2	09/23/16:213843AMB	CCV	mg/L	5.000	107 %	90-110	
			CCB	mg/L		-0.081	0.5	
			CCV	mg/L	5.000	104 %	90-110	
	EPA351.2	09/26/16:211902AMB	CCB	mg/L		-0.059	0.5	
			CCV	mg/L	5.000	102 %	90-110	
			CCB	mg/L		-0.123	0.5	
			CCV	mg/L	5.000	93.7 %	90-110	
			CCB	mg/L		-0.167	0.5	
			CCV	mg/L	5.000	99.4 %	90-110	
			CCB	mg/L		-0.185	0.5	
			CCV	mg/L	5.000	101 %	90-110	

Definition

PDS	: PDS failed, matrix - Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
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.
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.
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.
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.
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.
<¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	09/29/16:214416caa	CCV	cpm	8958	46.0 %	41 - 51	
			CCB	cpm		0.100	0.18	
	900.0	10/04/16:214475caa	CCV	cpm	8568	42.3 %	38 - 47	
			CCB	cpm		0.1600	0.19	
Beta	900.0	09/28/16:214419caa	CCV	cpm	8572	104 %	93 - 113	
			CCB	cpm		0.4000	0.49	
	900.0	09/29/16:214416caa	CCV	cpm	8958	99.1 %	89 - 108	
			CCB	cpm		0.4200	0.55	
Gross Alpha	900.0	09/27/16:211468ELC	Blank	pCi/L		0.80	3	
			LCS	pCi/L	107.4	96.0 %	75-125	
			MS	pCi/L	107.4	133 %	60-140	
		(SP 1611109-002)	MSD	pCi/L	107.4	116 %	60-140	
			MSRPD	pCi/L	107.4	13.6%	≤30	
Gross Beta	900.0	09/27/16:211468ELC	Blank	pCi/L		0.05	4	
			LCS	pCi/L	74.29	75.7 %	75-125	
			MS	pCi/L	74.29	57.7 %	80-130	435
		(SP 1611109-002)	MSD	pCi/L	74.29	62.7 %	80-130	435
			MSRPD	pCi/L	107.4	8.0%	≤30	
Alpha	903.0	09/29/16:214169caa	CCV	cpm	8572	42.3 %	38 - 47	
			CCB	cpm		0.100	0.19	
Total Alpha Radium (226)	903.0	09/26/16:211579emv	RgBlk	pCi/L		0.09	2	
			LCS	pCi/L	21.58	97.6 %	52-107	
			BS	pCi/L	21.58	53.6 %	43-111	
			BSD	pCi/L	21.58	69.5 %	43-111	
			BSRPD	pCi/L	21.58	25.8%	≤35.5	
Beta	905.0	09/29/16:214239caa	CCV	cpm	8957	99.4 %	89 - 109	
			CCB	cpm		0.4800	0.52	
Total Strontium	905.0	09/27/16:211658emv	RgBlk	pCi/L		0.74	2	
			LRS	pCi/L	40.57	66.9 %	53-133	
			BS	pCi/L	40.57	96.6 %	75-125	
			BSD	pCi/L	40.57	90.6 %	75-125	
			BSRPD	pCi/L	40.57	6.5%	≤20	
Tritium	906.0	09/26/16:211527caa	Blank	pCi/L		-5	<300	
			LCS	pCi/L	1560	112 %	75-125	
			BS	pCi/L	1560	121 %	75-125	
			BSD	pCi/L	1560	122 %	75-125	
			BSRPD	pCi/L	1560	0.8%	≤25	
	906.0	09/26/16:214017caa	CCV	pCi/L	30040	108 %	90-110	
			CCB	pCi/L		2	500	
Alpha	908.0	09/28/16:214183caa	CCV	cpm	8572	42.9 %	43 - 52	
			CCB	cpm		0.0600	0.12	
Uranium	908.0	09/27/16:211585caa	RgBlk	pCi/L		0.18	1	
			LRS	pCi/L	20.97	65.2 %	54-105	
			BS	pCi/L	20.97	94.7 %	75-125	
			BSD	pCi/L	20.97	93.4 %	75-125	
			BSRPD	pCi/L	20.97	1.3%	≤20	
Beta	Ra - 05	10/03/16:214395emv	CCV	cpm	8954	98.4 %	89 - 109	
			CCB	cpm		0.4000	0.49	
	Ra - 05	10/03/16:214396caa	CCV	cpm	8954	98.9 %	89 - 108	
			CCB	cpm		0.4000	0.55	
Ra 228	Ra - 05	09/27/16:211580emv	RgBlk	pCi/L		-0.04	3	
			LRS	pCi/L	77.82	56.0 %	27-59	
			BS	pCi/L	77.82	102 %	75-125	
			BSD	pCi/L	77.82	110 %	75-125	
			BSRPD	pCi/L	77.82	7.2%	≤25	

October 14, 2016 Lab ID : SP 1611120
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Radio

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.
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.

October 13, 2016

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

Subject: Subcontract Analysis for FGL Lab No. SP 1611120

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613

Please note that this analysis was performed by Vista Analytical Laboratory

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-13

Enclosure

October 08, 2016

Vista Work Order No. 1601214

Ms. Cindy Aguirre
FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Dear Ms. Aguirre,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on September 22, 2016. This sample set was analyzed on a standard turn-around time, under your Project Name 'SP 1611120- (2-25173)'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1601214
Case Narrative

Sample Condition on Receipt:

Three monitoring well samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1613B

These samples were extracted and analyzed for 2,3,7,8-TCDD by EPA Method 1613B using a ZB-5MS GC column.

Holding Times

These samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1601214-01	SMBRP-9	20-Sep-16 08:30	22-Sep-16 10:15	Amber Glass WM Bottle, 1L
1601214-02	MCWP-MW07S	20-Sep-16 11:10	22-Sep-16 10:15	Amber Glass WM Bottle, 1L
1601214-03	LAMW-5S	20-Sep-16 10:00	22-Sep-16 10:15	Amber Glass WM Bottle, 1L

Vista Project: 1601214

Client Project: SP 1611120- (2-25173)

ANALYTICAL RESULTS

Sample ID: Method Blank — **EPA Method 1613B**

Matrix:	Aqueous	QC Batch:	B6I0157	Lab Sample:	B6I0157-BLK1
Sample Size:	1.00 L	Date Extracted:	27-Sep-2016 8:58	Date Analyzed :	29-Sep-16 14:53 Column: ZB-5MS Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	5.00	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	93.3	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	105	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Sample ID:	**OPR**					**EPA Method 1613B**
Matrix:	Aqueous	QC Batch:	B6I0157	Lab Sample:	B6I0157-BS1	
Sample Size:	1.00 L	Date Extracted:	27-Sep-2016 8:58	Date Analyzed:	29-Sep-16 11:14 Column: ZB-5MS Analyst: ANP	

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits		Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	186	200	93.1	73 - 146	IS	13C-2,3,7,8-TCDD	93.1	25 - 141
					CRS	37Cl-2,3,7,8-TCDD	110	37 - 158

LCL-UCL - Lower control limit - upper control limit

Sample ID: SMBRP-9

EPA Method 1613B

Client Data		Sample Data		Laboratory Data			
Name:	FGL Environmental, Inc.	Matrix:	Monitoring Well	Lab Sample:	1601214-01	Date Received:	22-Sep-2016 10:15
Project:	SP 1611120- (2-25173)	Sample Size:	0.982 L	QC Batch:	B6I0157	Date Extracted:	27-Sep-2016 9:02
Date Collected:	20-Sep-2016 8:30			Date Analyzed :	29-Sep-16 17:18	Column: ZB-5MS	Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	5.09	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	92.0	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	106	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Sample ID: MCWP-MW07S

EPA Method 1613B

Client Data
Name: FGL Environmental, Inc.
Project: SP 1611120- (2-25173)
Date Collected: 20-Sep-2016 11:10

Sample Data
Matrix: Monitoring Well
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1601214-02 Date Received: 22-Sep-2016 10:15
QC Batch: B6I0157 Date Extracted: 27-Sep-2016 9:02
Date Analyzed : 29-Sep-16 18:06 Column: ZB-5MS Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	4.96	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	97.3	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	117	42 - 164	

MDL - Method detection limit
RL - Reporting limit
LCL-UCL- Lower control limit - upper control limit

Sample ID: LAMW-5S

EPA Method 1613B

Client Data
Name: FGL Environmental, Inc.
Project: SP 1611120- (2-25173)
Date Collected: 20-Sep-2016 10:00

Sample Data
Matrix: Monitoring Well
Sample Size: 0.991 L

Laboratory Data
Lab Sample: 1601214-03 Date Received: 22-Sep-2016 10:15
QC Batch: B6I0157 Date Extracted: 27-Sep-2016 9:02
Date Analyzed : 29-Sep-16 18:54 Column: ZB-5MS Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	5.04	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	89.7	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	106	42 - 164	

MDL - Method detection limit
RL - Reporting limit
LCL-UCL- Lower control limit - upper control limit

DATA QUALIFIERS & ABBREVIATIONS

B	**This compound was also detected in the method blank.**
D	**Dilution**
E	**The associated compound concentration exceeded the calibration range of the instrument.**
H	**Recovery and/or RPD was outside laboratory acceptance limits.**
I	**Chemical Interference**
J	**The amount detected is below the Reporting Limit/LOQ.**
*****	**See Cover Letter**
Conc.	**Concentration**
NA	**Not applicable**
ND	**Not Detected**
TEQ	**Toxic Equivalency**

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
Nevada Division of Environmental Protection	CA004132015-1
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-004
Pennsylvania Department of Environmental Protection	012
South Carolina Department of Health	87002001
Texas Commission on Environmental Quality	T104704189-15-6
Virginia Department of General Services	7923
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope	EPA 1613B

Dilution GC/HRMS	
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Subcontract to
Vista Analytical Laboratory

1601214, 1.0

Map Ref.

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: Fax:

Contact Person:

Project Name: **SP 1611120 - (2-25173)**

Purchase Order Number:

Sampler(s)

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

Lab Number:

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)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)									
1	SMBRP-9	09/20/16	08:30	G	MW				21									
3	MCWP-MW07S	09/20/16	11:10	G	MW				21									
9	LAMW-5S	09/20/16	10:00	G	MW				21									

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/21/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac			Marissa Sparks	9/22/16	1027			

SAMPLE LOG-IN CHECKLIST

Vista Analytical Laboratory

Vista Project #: 1601214 **TAT** Std

Samples Arrival:	**Date/Time** 9/22/16 1015	**Initials:** MNS	**Location:** WR-2 **Shelf/Rack:** N/3
Logged In:	**Date/Time** 9/22/16 1551	**Initials:** SR	**Location:** WR-2 **Shelf/Rack:** B4

Delivered By:	FedEx	UPS	On Trac	DHL	Hand Delivered	Other
Preservation:	Ice	Blue Ice		Dry Ice	None	
Temp °C: 1.3 (uncorrected)	**Time:** 1025			**Thermometer ID:** IR-1		
Temp °C: 1.0 (corrected)	**Probe used:** Yes☐ No☒					

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill — Trk # 1000110118474 67	✓		
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	

If Chlorinated or Drinking Water Samples, Acceptable Preservation?						✓
Preservation Documented:	$Na_2S_2O_3$	Trizma			Yes	No	NA
Shipping Container	Vista	Client	Retain	Return	Dispose	

Comments:

BLA 09/06/2016

October 13, 2016

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

Subject: Subcontract Analysis for FGL Lab No. SP 1611120

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontracted - Asbestos

Please note that this analysis was performed by EMSL Analytical, Inc. dba LA Testing

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-13

Enclosure

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: 321620819
Customer ID: FGLE25
Customer PO:
Project ID:

Attn: FGL Environmental
853 Corporation St
Santa Paula, CA 93060

Phone: (805) 392-2024
Fax:
Collected: 09/20/2016
Received: 09/21/2016
Analyzed: 10/05/2016

Proj: SP 1611120 - (2-25173)

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)		
1 321620819-0001	9/21/2016 04:35 PM	5	1288	0.2620	None Detected	ND	0.98	<0.98	0.00 - 3.60
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									
3 321620819-0002	9/21/2016 04:35 PM	5	1288	0.2620	None Detected	ND	0.98	<0.98	0.00 - 3.60
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									
9 321620819-0003	9/21/2016 04:35 PM	5	1288	0.2620	None Detected	ND	0.98	<0.98	0.00 - 3.60
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									

Analyst(s)
Sherrie Ahmad (3)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 10/05/2016 13:35:08

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

Subcontract to
EMSL Analytical, Inc. dba LA Testing 321620819

OrderID: 321620819

Client: **Fruit Growers Laboratory, Inc.**

Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: Fax:

Contact Person:

Project Name: **SP 1611120 - (2-25173)**

Purchase Order Number:

Sampler(s)

Compositor Setup Date: ____/____/____ Time: ____/____

Lab Number:

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)	Subcontracted - Asbestos-Drinking Water Please include MDL Reporting 32oz(P)	Map Ref.
1	SMBRP-9	09/20/16	08:30	G	MW				1	6.3°C
3	MCWP-MW07S	09/20/16	11:10	G	MW				1	
9	LAMW-5S	09/20/16	10:00	G	MW				1	

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/20/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac	↓	↓	[signature]	9/21/16	1545			

October 4, 2016

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

SP 1611199:2, 4, 7-8, 10 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Baseline GWM

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1611199-002	MCWP-MW04S	Source-Other	Rincon (Field)	Rincon Consultants	09/21/2016 12:45	09/21/2016 16:30 LMM	09/23/2016 LMM
2	SP 1611199-004	SMBRP-12	Source-Other	Rincon (Field)	Rincon Consultants	09/21/2016 10:10	09/21/2016 16:24 LMM	09/23/2016 LMM
3	SP 1611199-007	MCWP-MW09	Source-Other	Rincon (Field)	Rincon Consultants	09/21/2016 11:30	09/21/2016 16:27 LMM	09/23/2016 LMM
4	SP 1611199-008	TY-MW-1	Source-Other	Rincon (Field)	Rincon Consultants	09/21/2016 08:30	09/21/2016 16:17 LMM	09/25/2016 LMM
5	SP 1611199-010	SMBRP-13	Source-Other	Rincon (Field)	Rincon Consultants	09/21/2016 09:40	09/21/2016 16:21 LMM	09/25/2016 LMM

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-MW04S	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	SMBRP-12	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
3	MCWP-MW09	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
4	TY-MW-1	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
5	SMBRP-13	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<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:SMH

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2016-10-04

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853 Corporation Street
Santa Paula, CA 93060
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October 14, 2016

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

Lab ID : SP 1611199
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 115 pages divided into 3 sections:

Case Narrative	(9 pages)	: An overview of the work performed at FGL.
Sample Results	(61 pages)	: Results for each sample submitted.
Quality Control	(45 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-MW04S	09/21/2016	09/21/2016	SP 1611199-002	MW
SMBRP-12	09/21/2016	09/21/2016	SP 1611199-004	MW
MCWP-MW09	09/21/2016	09/21/2016	SP 1611199-007	MW
TY-MW-1	09/21/2016	09/21/2016	SP 1611199-008	MW
SMBRP-13	09/21/2016	09/21/2016	SP 1611199-010	MW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding except those as listed in the table below.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
SP 1611199-002	Chlorine, Total	15	1758 Minutes
SP 1611199-002	pH	15	7365 Minutes
SP 1611199-004	Chlorine, Total	15	1912.8 Minutes
SP 1611199-004	pH	15	7519.8 Minutes
SP 1611199-007	Chlorine, Total	15	1833 Minutes
SP 1611199-007	Chlorine, Total	15	1833 Minutes
SP 1611199-007	pH	15	7440 Minutes
SP 1611199-008	Chlorine, Total	15	2013 Minutes
SP 1611199-008	pH	15	3301.2 Minutes

All samples arrived on ice. 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.

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October 14, 2016 Lab ID : SP 1611199
Rincon Consultants, Inc. Customer : 2-25173

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

Inorganic - Metals QC

200.7	09/24/2016:213893 All analysis quality controls are within established criteria.
	10/04/2016:214498 All analysis quality controls are within established criteria.
	10/06/2016:214618 All analysis quality controls are within established criteria.
	10/04/2016:211949 All preparation quality controls are within established criteria.
	09/24/2016:211518 All preparation quality controls are within established criteria.
200.8	10/04/2016:214508 All analysis quality controls are within established criteria.
	10/05/2016:214575 All analysis quality controls are within established criteria.
245.1	10/05/2016:214518 All analysis quality controls are within established criteria.
	10/04/2016:211963 All preparation quality controls are within established criteria.
3010	10/04/2016:211956 All preparation quality controls are within established criteria, except: The following note applies to Barium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Barium: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

Organic QC

504	09/27/2016:211607 All preparation quality controls are within established criteria.
504.1	09/28/2016:214053 All analysis quality controls are within established criteria.
505	09/27/2016:213930 All analysis quality controls are within established criteria.
	09/26/2016:211552 All preparation quality controls are within established criteria, except: The following note applies to Tetrachloro-m-xylene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
507	10/06/2016:214531 All analysis quality controls are within established criteria.

Organic QC

507	09/28/2016:211665 All preparation quality controls are within established criteria, except: The following note applies to Metribuzin: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
515.3	10/01/2016:214256 All analysis quality controls are within established criteria.
	09/27/2016:211634 All preparation quality controls are within established criteria.
524.2	09/27/2016:214096 All analysis quality controls are within established criteria, except: The following note applies to Ethyl tert-Butyl Ether, Methyl tert-Butyl Ether, TAME, Vinyl Chloride: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/27/2016:211698 All preparation quality controls are within established criteria, except: The following note applies to Freon-11, Vinyl Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	09/29/2016:214102 All analysis quality controls are within established criteria.
	09/28/2016:211702 All preparation quality controls are within established criteria, except: The following note applies to Aldicarb Sulfone/Sulfoxide, Oxamyl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5310C	09/27/2016:214089 All analysis quality controls are within established criteria.
	09/26/2016:211516 All preparation quality controls are within established criteria.
547	09/22/2016:213777 All analysis quality controls are within established criteria.
	09/21/2016:211419 All preparation quality controls are within established criteria.
548.1	10/07/2016:214670 All analysis quality controls are within established criteria.
	09/27/2016:211622 All preparation quality controls are within established criteria.
549	09/22/2016:211450 All preparation quality controls are within established criteria.
549.2	09/23/2016:213932 All analysis quality controls are within established criteria.
552	09/23/2016:211501 All preparation quality controls are within established criteria, except:

Organic QC

552	The following note applies to 2,3-Dibromopropionic Acid, Dibromoacetic Acid, Monobromoacetic Acid, Dichloroacetic Acid, Monochloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Dibromoacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	09/28/2016:213970 All analysis quality controls are within established criteria.
608	09/29/2016:214106 All analysis quality controls are within established criteria.
	09/27/2016:211539 All preparation quality controls are within established criteria.
624	09/22/2016:213938 All analysis quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethane, 1,4-Dichlorobenzene, Bromoform, Bromomethane (Methyl Bromide), Chloromethane(Methyl Chloride): 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/22/2016:211564 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, Bromomethane (Methyl Bromide), Chloromethane(Methyl Chloride), Vinyl Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Fluorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
625	09/27/2016:214043 All analysis quality controls are within established criteria, except: The following note applies to Dibenzo(a,h)anthracene, Pentachlorophenol, Indeno(1,2,3-c,d)pyrene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/30/2016:214342 All analysis quality controls are within established criteria, except: The following note applies to Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene, 3,3-Dichlorobenzidine, Indeno(1,2,3-c,d)pyrene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/21/2016:211391 All preparation quality controls are within established criteria, except: The following note applies to bis(2-Chloroethyl)ether, Diethylphthalate, Dimethylphthalate: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Benzidine, Hexachloroethane: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Benzidine: 320 LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
625P	09/30/2016:214450 All analysis quality controls are within established criteria.

October 14, 2016 Lab ID : SP 1611199
Rincon Consultants, Inc. Customer : 2-25173

Organic QC

625P	10/01/2016:214450 All analysis quality controls are within established criteria.
	09/27/2016:211614 All preparation quality controls are within established criteria, except: The following note applies to Aldrin: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Aldrin, Endrin: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

Radio QC

900.0	10/04/2016:214439 All analysis quality controls are within established criteria.
	10/04/2016:214440 All analysis quality controls are within established criteria.
	10/04/2016:214474 All analysis quality controls are within established criteria.
	10/05/2016:214474 All analysis quality controls are within established criteria.
	09/30/2016:211777 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.
903.0	10/03/2016:214423 All analysis quality controls are within established criteria.
	09/28/2016:211720 All preparation quality controls are within established criteria.
905.0	09/29/2016:214239 All analysis quality controls are within established criteria.
	10/05/2016:214572 All analysis quality controls are within established criteria.
	09/27/2016:211658 All preparation quality controls are within established criteria.
	10/03/2016:211855 All preparation quality controls are within established criteria.
906.0	09/26/2016:214017 All analysis quality controls are within established criteria.
	09/27/2016:214017 All analysis quality controls are within established criteria.
	09/26/2016:211527 All preparation quality controls are within established criteria.

Radio QC

908.0	09/28/2016:214183 All analysis quality controls are within established criteria.
	09/27/2016:211585 All preparation quality controls are within established criteria.
Ra - 05	10/04/2016:214499 All analysis quality controls are within established criteria.
	10/04/2016:214503 All analysis quality controls are within established criteria.
	10/03/2016:211657 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

1664A	10/06/2016:212024 All preparation quality controls are within established criteria.
2120B	09/22/2016:214266 All analysis quality controls are within established criteria.
	09/22/2016:211826 All preparation quality controls are within established criteria.
2130B	09/23/2016:213889 All analysis quality controls are within established criteria.
	09/23/2016:211432 All preparation quality controls are within established criteria.
2150B	09/22/2016:211833 All preparation quality controls are within established criteria.
218.6	09/23/2016:214002 All analysis quality controls are within established criteria.
	09/30/2016:214421 All analysis quality controls are within established criteria.
	09/23/2016:211616 All preparation quality controls are within established criteria.
	09/30/2016:211954 All preparation quality controls are within established criteria.
2320B	09/23/2016:213890 All analysis quality controls are within established criteria.
	09/23/2016:211471 All preparation quality controls are within established criteria, except: The following note applies to Alkalinity (as CaCO3), Bicarbonate: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
2510B	09/22/2016:213788 All analysis quality controls are within established criteria.
	09/27/2016:213985 All analysis quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2510B	09/22/2016:211426 All preparation quality controls are within established criteria.
	09/27/2016:211590 All preparation quality controls are within established criteria.
2540CE	09/22/2016:211444 All preparation quality controls are within established criteria.
2540D	09/26/2016:211562 All preparation quality controls are within established criteria.
300.0	09/22/2016:214007 All analysis quality controls are within established criteria.
	09/22/2016:211443 All preparation quality controls are within established criteria.
314.0	09/24/2016:213927 All analysis quality controls are within established criteria.
	09/23/2016:211486 All preparation quality controls are within established criteria.
351.2	09/26/2016:211529 All preparation quality controls are within established criteria.
	09/28/2016:211664 All preparation quality controls are within established criteria.
	09/24/2016:211513 All preparation quality controls are within established criteria.
	09/28/2016:211661 All preparation quality controls are within established criteria.
	10/13/2016:212356 All preparation quality controls are within established criteria, except: The following note applies to Nitrogen, Total Kjeldahl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Nitrogen, Total Kjeldahl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500ClG	09/22/2016:213837 All analysis quality controls are within established criteria.
	09/22/2016:211467 All preparation quality controls are within established criteria.
4500CNCE	10/02/2016:214313 All analysis quality controls are within established criteria.
	10/01/2016:211863 All preparation quality controls are within established criteria.
4500-H B	09/23/2016:211504 All preparation quality controls are within established criteria.
	09/26/2016:211568 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

4500HB	09/23/2016:213872 All analysis quality controls are within established criteria.
	09/26/2016:213951 All analysis quality controls are within established criteria.
4500NH3G	09/27/2016:213992 All analysis quality controls are within established criteria.
	09/30/2016:214218 All analysis quality controls are within established criteria.
	10/13/2016:214955 All analysis quality controls are within established criteria.
	09/26/2016:211524 All preparation quality controls are within established criteria.
	09/30/2016:211784 All preparation quality controls are within established criteria.
	10/13/2016:212352 All preparation quality controls are within established criteria.
4500NO2F	09/22/2016:211462 All preparation quality controls are within established criteria.
4500NO3F	09/22/2016:213830 All analysis quality controls are within established criteria.
	09/22/2016:213832 All analysis quality controls are within established criteria.
	09/22/2016:211440 All preparation quality controls are within established criteria.
4500-P B	09/29/2016:211772 All preparation quality controls are within established criteria.
4500PE	09/30/2016:214191 All analysis quality controls are within established criteria.
5210B	09/27/2016:214203 All analysis quality controls are within established criteria.
	09/22/2016:211424 All preparation quality controls are within established criteria, except: The following note applies to BOD: 325 The LCS was out of acceptance limits. Results may be biased low.
5540C	09/21/2016:213798 All analysis quality controls are within established criteria.
	09/23/2016:213888 All analysis quality controls are within established criteria.
	09/21/2016:211431 All preparation quality controls are within established criteria.
	09/23/2016:211523 All preparation quality controls are within established criteria.
EPA351.2	09/26/2016:211902 All analysis quality controls are within established criteria.

October 14, 2016 Lab ID : SP 1611199
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

EPA351.2	09/27/2016:213984 All analysis quality controls are within established criteria.
	09/29/2016:214141 All analysis quality controls are within established criteria.
	10/14/2016:215021 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: 2016-10-14

October 14, 2016

Lab ID : SP 1611199-002
Customer ID : 2-25173

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

Sampled On : September 21, 2016-12:45
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Description : MCWP-MW04S
Project : Malibu WWTP - Baseline GWM

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
General Mineral P:1'5												
Total Hardness as CaCO3	2440	2.5	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Calcium	504	1	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Magnesium	288	1	0.0037	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Potassium	3.38	1	0.065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Sodium	1070	10	0.17	mg/L	10		200.7	211949	10/04/16 06:00	200.7	214618-IT203	10/06/16-14:22AC
Total Cations	95.5	0.1	0.0065	meq/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Boron	2.25	0.05	0.0050	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Copper	6.51	10	1.2	ug/L	1	J	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Iron	520	50	5.0	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Manganese	189	10	0.099	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Zinc	4.36	20	1.0	ug/L	1	J	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
SAR	9.42	0.1	0.0065	--	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:36AC
Total Alkalinity (as CaCO3)	525	10	1.1	mg/L	1		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-12:36AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-12:36AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-12:36AMB
Bicarbonate as HCO3	641	10	1.1	mg/L	1.000		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-12:36AMB
Sulfate	2980	20	0.015	mg/L	20		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-12:14MCA
Chloride	744	20	0.0045	mg/L	20		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-12:14MCA
Nitrate as NO3	1.18	0.4	0.0032	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-11:56MCA
Nitrite as N	ND	0.1	0.0010	mg/L	1	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-11:56MCA

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Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	0.300	0.1	0.0032	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-11:56MCA
Fluoride	0.711	0.1	0.0021	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-11:56MCA
Total Anions	93.6	0.1	1.1	meq/L	1.000		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-12:36AMB
pH	7.20	--	0.0	units	1	T	4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:55JMG
Specific Conductance	8210	1	0.0	umhos/cm	1		2510B	211426	09/22/16 07:50	2510B	213788-EC206	09/22/16-12:37JMG
Total Dissolved Solids	6750	85	5.8	mg/L	2.125	b	2540CE	211444	09/22/16 14:01	2540C	213845-WT219	09/23/16-10:19CTL
MBAS (foaming agents)	0.0889	0.2	0.0053	mg/L	2	Jb	5540C	211523	09/23/16 09:07	5540C	213888-UV207	09/23/16-17:25JBA
Aggressiveness Index	13.0	1	0.0	--	1		4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:55JMG
Langelier Index (20°C)	1.0	1	0.0	--	1	b	4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:55JMG
Nitrate Nitrogen	0.300	0.1	0.00080	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-11:56MCA
Metals, Total P:1'5												
Aluminum	0.498	0.02	0.000050	mg/L	2		3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-15:44AC
Antimony	0.00127	0.001	0.000044	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Arsenic	0.0117	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Barium	0.0342	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Cadmium	0.000286	0.0002	0.000031	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Chromium	0.00916	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Copper	0.0106	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Lead	0.000337	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Mercury	0.0000153	0.00001	.0000021	mg/L	1	J	245.1	211963	10/04/16 13:00	245.1	214518-HG204	10/05/16-12:21AC
Nickel	0.0153	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Selenium	0.0475	0.002	0.00017	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Thallium	0.0000210	0.0002	0.000018	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Chromium III	0.00820	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:10AC
Wet Chemistry AGT:1												
BOD	0.9	2	0.19	mg/L	1	JL	5210B	211424	09/22/16 12:33	5210B	214203-O2205	09/27/16-14:12AMM
Chlorine, Total	0.0870	0.1	0.069	mg/L	1	JT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:32SJN
Chromium VI	0.965	0.1	0.012	ug/L	1		218.6	211616	09/23/16 11:46	218.6	214002-IC209	09/23/16-18:52MCA

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 AGT:1												
Color	40.0	5	0.0	units	1		2120B	211826	09/22/16 11:40	2120B	214266-JMG	09/22/16-12:00JMG
Cyanide, Total	ND	0.004	0.0023	mg/L	1	U	4500CNCE	211863	10/01/16 14:12	4500CNCE	214313-UV207	10/02/16-15:30AMM
Nitrogen, Organic	0.600	0.5	0.072	mg/L	1	lb	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-08:00AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	212352	10/13/16 04:30	4500NH3G	214955-FI207	10/13/16-07:35AMB
Kjeldahl Nitrogen	0.600	0.5	0.19	mg/L	1	lb	351.2	212356	10/13/16 08:20	EPA351.2	215021-FI206	10/14/16-04:45AMB
Nitrogen, Total as Nitrogen	0.900	0.5	0.32	mg/L	1	lb	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:33AMB
Nitrate + Nitrite as N	0.300	0.1	0.0032	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-11:56MCA
Kjeldahl Nitrogen	0.600	0.5	0.19	mg/L	1	lb	351.2	212356	10/13/16 08:20	EPA351.2	215021-FI206	10/14/16-04:45AMB
Odor	2.00	1	0.0	TON	1		2150B	211833	09/22/16 06:15	2150B	214275-JMG	09/22/16-06:50jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664A	212024	10/06/16 14:06	1664A	214674-WT215	10/07/16-16:21AMM
Phosphorus, Total	0.583	0.1	0.031	mg/L	1		4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:43SJN
Solids, Total Suspended (TSS)	21.1	1.6	0.49	mg/L	1.5625		2540D	211562	09/26/16 18:10	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	5.08	0.2	0.048	NTU	1		2130B	211432	09/23/16 08:05	2130B	213889-TR203	09/23/16-08:09JBA
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/24/16-04:17SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
h	The MS/MSD did not meet QC criteria.
l	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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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

Description : MCWP-MW04S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-002
Customer ID : 2-25173

Sampled On : September 21, 2016-12:45
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	104	70-130		%	0.98209		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-10:37SBL
DBCP	ND	0.0098	0.0057	ug/L	0.98209	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-10:37SBL
EDB	ND	0.02	0.0027	ug/L	0.98209	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-10:37SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	94.6	70-130		%	0.98551		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Alachlor	ND	0.2	0.13	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Aldrin	ND	0.0099	0.0040	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Chlordane	ND	0.099	0.041	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Dieldrin	ND	0.0099	0.0024	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Endrin	ND	0.0099	0.0054	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Heptachlor	ND	0.0099	0.0026	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Heptachlor Epoxide	ND	0.0099	0.0046	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Hexachlorobenzene	ND	0.0099	0.0031	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Hexachlorocyclopentadiene	ND	0.099	0.027	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Lindane (Gamma BHC)	ND	0.049	0.0049	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Methoxychlor	ND	0.099	0.0098	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
Toxaphene	ND	0.49	0.11	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
PCB 1016	ND	0.49	0.22	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
PCB 1221	ND	0.49	0.067	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
PCB 1232	ND	0.49	0.13	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.49	0.14	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
PCB 1254	ND	0.49	0.026	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
PCB 1260	ND	0.49	0.055	ug/L	0.98551	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-05:58SBL
EPA 507 AGT:1												
Triphenylphosphate‡	88.4	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:00SG
EPA 515 AGT:1												
2,4-DCAA‡	117	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-00:28SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	101	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2-Dichlorobenzene-d4‡	99.9	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:09VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-05:54SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-15:10SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211622	09/27/16 13:31	548.1	214670-GC220	10/07/16-19:24SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-16:11SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	109	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
Chloroacetic Acid	0.988	2	0.28	ug/L	1	Jbh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
Dibromoacetic Acid	1.16	1	0.25	ug/L	1	bh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
Trichloroacetic Acid	0.505	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
Haloacetic acids (five)	2.65	1	0.55	ug/L	1	hJb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:20SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	51.5	15-143		%	0.98039		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
Chlordane	ND	2	0.32	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
Toxaphene	ND	2	0.044	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1016	ND	0.49	0.13	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1221	ND	0.49	0.084	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1232	ND	0.49	0.20	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1242	ND	0.49	0.20	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1254	ND	0.49	0.086	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
PCB 1260	ND	0.49	0.11	ug/L	0.98039	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-06:23SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	96.2	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Fluorobenzene‡	89.1	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Pentafluorobenzene‡	72.7	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:06VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	83.8	10-99		%	0.97087		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2-Fluorophenol‡	80.9	15-96		%	0.97087		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Nitrobenzene-d5‡	87.5	11-102		%	0.97087		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Phenol-d6‡	75.7	9-103		%	0.97087		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
p-Terphenyl-d14‡	63.5	25-123		%	0.97087		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4,6-Tribromophenol‡	78.2	17-97		%	0.97087		625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Acenaphthene	ND	0.97	0.50	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Acenaphthylene	ND	0.97	0.39	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Anthracene	ND	0.97	0.43	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Benzidine	ND	9.7	1.8	ug/L	0.97087	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Benzo(a)anthracene	ND	0.97	0.43	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Benzo(b)fluoranthene	ND	0.97	0.37	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Benzo(k)fluoranthene	ND	0.97	0.50	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Benzo(g,h,i)perylene	ND	0.97	0.40	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Benzo(a)pyrene	ND	0.97	0.40	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
4-Bromophenylphenylether	ND	0.97	0.46	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
bis(2-Chloroethoxy)methane	ND	0.97	0.56	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
bis(2-Chloroethyl)ether	ND	0.97	0.52	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
bis(2-Chloroisopropyl)ether	ND	0.97	0.53	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
bis(2-Ethylhexyl)phthalate	0.720	1.9	0.41	ug/L	0.97087	Jb	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2-Chloronaphthalene	ND	0.97	0.63	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
4-Chlorophenylphenylether	ND	0.97	0.62	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Chrysene	ND	0.97	0.51	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Dibenzo(a,h)anthracene	ND	0.97	0.37	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Di-n-butylphthalate	1.29	1.9	0.35	ug/L	0.97087	J	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
1,2-Dichlorobenzene	ND	0.97	0.47	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
1,3-Dichlorobenzene	ND	0.97	0.45	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
1,4-Dichlorobenzene	ND	0.97	0.47	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
3,3'-Dichlorobenzidine	ND	0.97	0.43	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Diethylphthalate	ND	0.97	0.34	ug/L	0.97087	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Dimethylphthalate	ND	0.97	0.31	ug/L	0.97087	UL	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
4,6-Dinitro-2-methylphenol	ND	0.97	0.43	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4-Dinitrophenol	ND	4.9	0.22	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4-Dinitrotoluene	ND	0.97	0.49	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,6-Dinitrotoluene	ND	0.97	0.55	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Di-n-octylphthalate	ND	0.97	0.31	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Fluoranthene	ND	0.97	0.44	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Fluorene	ND	0.97	0.62	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Hexachlorobenzene	ND	0.97	0.47	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Hexachlorobutadiene	ND	0.97	0.45	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Hexachlorocyclopentadiene	ND	0.97	0.24	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Hexachloroethane	ND	0.97	0.43	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Indeno(1,2,3-c,d)pyrene	ND	0.97	0.38	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Isophorone	ND	0.97	0.41	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Naphthalene	ND	0.97	0.55	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Nitrobenzene	ND	0.97	0.47	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
N-Nitrosodiphenylamine	ND	0.97	0.74	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
N-Nitrosodi-n-propylamine	ND	0.97	0.53	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Phenanthrene	ND	0.97	0.50	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Phenol	ND	0.97	0.88	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Pyrene	ND	0.97	0.46	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
Pyridine	ND	9.7	0.32	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
1,2,4-Trichlorobenzene	ND	0.97	0.48	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4,6-Trichlorophenol	ND	0.97	0.90	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
1,2-Diphenylhydrazine	ND	0.97	0.47	ug/L	0.97087	UH	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.97087	U	625	211391	09/21/16 17:30	625	214043-GM213	09/27/16-10:01SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.8	0.91	ng/L	0.96154	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Alpha BHC	ND	4.8	1.3	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Beta BHC	ND	4.8	1.5	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Delta BHC	ND	4.8	1.8	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Dieldrin	ND	4.8	1.5	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Endosulfan I	ND	4.8	2.1	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Endosulfan II	ND	4.8	2.1	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Endrin	ND	4.8	1.3	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.8	1.8	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Heptachlor	ND	4.8	1.8	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Methoxychlor	ND	4.8	0.46	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
cis_Nonachlor	ND	48	1.6	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
o,p - DDD	ND	4.8	0.54	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
o,p - DDE	ND	4.8	0.35	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
o,p - DDT	ND	4.8	0.95	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
trans-Nonachlor	ND	48	1.2	ng/L	0.96154	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
Tetrachloro-m-xylene‡	68.7	26-90		%	0.96154		625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-22:40SG
TOC AVT:1'4												
TOC	4.55	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-20:07AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : MCWP-MW04S
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-002
Customer ID : 2-25173

Sampled On : September 21, 2016-12:45
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	15.6 ± 5.16	5.19	pCi/L	15		900.0	211777	09/30/16 07:00	900.0	214474-GP215	10/04/16-16:00caa
Gross Beta	4.02 ± 2.87	3.21	pCi/L	50	l	900.0	211777	09/30/16 07:00	900.0	214439-GP218	10/04/16-09:00caa
Strontium 90	2.30 ± 0.978	0.491	pCi/L	8		905.0	211855	10/03/16 18:00	905.0	214572-GP217	10/05/16-13:20caa
Total Alpha Radium (226)	0.030 ± 0.131	0.470	pCi/L	3		903.0	211720	09/28/16 18:30	903.0	214423-GP216	10/03/16-09:20caa
Tritium	346 ± 268	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/26/16-23:00caa
Uranium	14.7 ± 2.51	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-17:27caa
Ra 228	0.000 ± 0.379	0.253	pCi/L	2		Ra - 05	211657	10/03/16 18:00	Ra - 05	214499-GP218	10/04/16-19:10caa

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
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Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
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Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
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TEL: (530)343-5818
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CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
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CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

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.

October 14, 2016

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

Description : SMBRP-12
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-004
Customer ID : 2-25173

Sampled On : September 21, 2016-10:10
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
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
General Mineral P:1'5												
Total Hardness as CaCO3	2370	2.5	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Calcium	417	1	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Magnesium	322	1	0.0037	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Potassium	69.3	1	0.037	mg/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-17:48AC
Sodium	1520	10	0.17	mg/L	10		200.7	211949	10/04/16 06:00	200.7	214618-IT203	10/06/16-14:27AC
Total Cations	115	0.1	0.0065	meq/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Boron	1.25	0.05	0.0050	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Copper	ND	10	1.2	ug/L	1	U	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Iron	2260	50	5.0	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Manganese	1600	10	0.099	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Zinc	3.21	20	1.0	ug/L	1	J	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
SAR	13.6	0.1	0.0065	--	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:39AC
Total Alkalinity (as CaCO3)	434	10	1.1	mg/L	1		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:05AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:05AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:05AMB
Bicarbonate as HCO3	530	10	1.1	mg/L	1.000		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:05AMB
Sulfate	871	50	0.015	mg/L	50		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-12:51MCA
Chloride	3140	50	0.0045	mg/L	50		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-12:51MCA
Nitrate as NO3	0.600	0.4	0.032	mg/L	1		4500NO3F	211440	09/22/16 10:30	4500NO3F	213832-FI207	09/22/16-14:02JDD
Nitrite as N	ND	0.1	0.011	mg/L	1	U	4500NO2F	211462	09/22/16 10:30	4500NO3F	213830-FI207	09/22/16-14:00JDD

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Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	0.128	0.1	0.032	mg/L	1		4500NO3F	211440	09/22/16 10:30	4500NO3F	213832-FI207	09/22/16-14:02JDD
Fluoride	0.289	0.2	0.0021	mg/L	2		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-12:33MCA
Total Anions	115	0.1	1.1	meq/L	1.000		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:05AMB
pH	7.08	--	0.0	units	1	T	4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:56JMG
Specific Conductance	11600	1	0.0	umhos/cm	1		2510B	211590	09/27/16 09:01	2510B	213985-EC206	09/27/16-10:15JMG
Total Dissolved Solids	7930	120	5.8	mg/L	3	b	2540CE	211444	09/22/16 14:01	2540C	213845-WT219	09/23/16-10:44CTL
MBAS (foaming agents)	0.0749	0.1	0.0053	mg/L	1	Jb	5540C	211523	09/23/16 09:07	5540C	213888-UV207	09/23/16-17:25JBA
Aggressiveness Index	12.7	1	0.0	--	1		4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:56JMG
Langelier Index (20°C)	0.7	1	0.0	--	1	b	4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:56JMG
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	211440	09/22/16 10:30	4500NO3F	213832-FI207	09/22/16-14:02JDD
Metals, Total P:1'5												
Aluminum	0.00943	0.01	0.000050	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Antimony	0.000140	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Arsenic	0.0184	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Barium	0.166	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Cadmium	ND	0.0002	0.000031	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Chromium	0.00212	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Copper	0.0141	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Lead	0.000285	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Mercury	0.00000747	0.00001	.0000021	mg/L	1	J	245.1	211963	10/04/16 13:00	245.1	214518-HG204	10/05/16-12:24AC
Nickel	0.00954	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Selenium	0.0249	0.002	0.00017	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Thallium	ND	0.0002	0.000018	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Chromium III	0.00180	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:17AC
Wet Chemistry AGT:1												
BOD	0.7	2	0.19	mg/L	1	JL	5210B	211424	09/22/16 12:40	5210B	214203-O2205	09/27/16-14:12AMM
Chlorine, Total	0.0991	0.1	0.069	mg/L	1	JT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:33SJN
Chromium VI	0.318	0.1	0.012	ug/L	1		218.6	211616	09/23/16 11:46	218.6	214002-IC209	09/23/16-19:03MCA

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 AGT:1												
Color	15.0	5	0.0	units	1		2120B	211826	09/22/16 11:40	2120B	214266-JMG	09/22/16-12:00JMG
Cyanide, Total	ND	0.004	0.0023	mg/L	1	U	4500CNCE	211863	10/01/16 14:12	4500CNCE	214313-UV207	10/02/16-15:31AMM
Nitrogen, Organic	ND	1	0.072	mg/L	2	lb	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-10:06AMB
Ammonia Nitrogen	8.85	1	0.072	mg/L	5		4500NH3G	212352	10/13/16 04:30	4500NH3G	214955-FI207	10/13/16-08:24AMB
Kjeldahl Nitrogen	8.28	0.5	0.19	mg/L	1	lb	351.2	212356	10/13/16 08:20	EPA351.2	215021-FI206	10/14/16-04:46AMB
Nitrogen, Total as Nitrogen	8.28	0.5	0.19	mg/L	1	lb	351.2	211513	09/24/16 06:52	EPA351.2	211902-FI206	09/26/16-08:55AMB
Nitrate + Nitrite as N	ND	0.2	0.0032	mg/L	2	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-12:33MCA
Kjeldahl Nitrogen	8.28	0.5	0.19	mg/L	1	lb	351.2	212356	10/13/16 08:20	EPA351.2	215021-FI206	10/14/16-04:46AMB
Odor	ND	1	0.0	TON	1	U	2150B	211833	09/22/16 06:15	2150B	214275-JMG	09/22/16-06:50jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664A	212024	10/06/16 14:06	1664A	214674-WT215	10/07/16-16:22AMM
Phosphorus, Total	0.753	0.1	0.031	mg/L	1		4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:44SJN
Solids, Total Suspended (TSS)	12.9	1.4	0.49	mg/L	1.4286		2540D	211562	09/26/16 18:10	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	15.2	0.2	0.048	NTU	1		2130B	211432	09/23/16 08:05	2130B	213889-TR203	09/23/16-08:09JBA
Perchlorate	ND	4	0.29	ug/L	2	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/24/16-04:40SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
h	The MS/MSD did not meet QC criteria.
l	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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-004
Customer ID : 2-25173

Sampled On : September 21, 2016-10:10
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	74.0	70-130		%	0.97757		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-11:12SBL
DBCP	ND	0.0098	0.0057	ug/L	0.97757	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-11:12SBL
EDB	ND	0.02	0.0027	ug/L	0.97757	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-11:12SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	96.0	70-130		%	0.98067		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Alachlor	ND	0.2	0.13	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Aldrin	ND	0.0098	0.0040	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Chlordane	ND	0.098	0.041	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Dieldrin	ND	0.0098	0.0024	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Endrin	ND	0.0098	0.0054	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Heptachlor	ND	0.0098	0.0026	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Heptachlor Epoxide	ND	0.0098	0.0046	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Hexachlorobenzene	ND	0.0098	0.0031	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Hexachlorocyclopentadiene	ND	0.098	0.027	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Lindane (Gamma BHC)	ND	0.049	0.0049	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Methoxychlor	ND	0.098	0.0098	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
Toxaphene	ND	0.49	0.11	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
PCB 1016	ND	0.49	0.22	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
PCB 1221	ND	0.49	0.067	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
PCB 1232	ND	0.49	0.13	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.49	0.14	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
PCB 1254	ND	0.49	0.026	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
PCB 1260	ND	0.49	0.055	ug/L	0.98067	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-06:39SBL
EPA 507 AGT:1												
Triphenylphosphate‡	90.0	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-06:37SG
EPA 515 AGT:1												
2,4-DCAA‡	126	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:09SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	93.9	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2-Dichlorobenzene-d4‡	98.4	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Chlorobenzene	0.148	0.5	0.050	ug/L	1	J	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	0.204	0.5	0.060	ug/L	1	J	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:34VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-06:25SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-15:35SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211622	09/27/16 13:31	548.1	214670-GC220	10/07/16-19:52SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-16:19SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	98.9	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
Chloroacetic Acid	ND	2	0.28	ug/L	1	Ubh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
Dibromoacetic Acid	ND	1	0.25	ug/L	1	Ubh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
Trichloroacetic Acid	0.515	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
Haloacetic acids (five)	ND	1	0.55	ug/L	1	UhbJ	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-03:51SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	60.3	15-143		%	0.95238		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
Chlordane	ND	1.9	0.32	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
Toxaphene	ND	1.9	0.044	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1016	ND	0.48	0.13	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1221	ND	0.48	0.084	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1232	ND	0.48	0.20	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1242	ND	0.48	0.20	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1248	ND	0.48	0.064	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1254	ND	0.48	0.086	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
PCB 1260	ND	0.48	0.11	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:04SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	93.7	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Fluorobenzene‡	88.5	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Pentafluorobenzene‡	71.8	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-17:34VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	76.9	10-99		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2-Fluorophenol‡	25.9	15-96		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Nitrobenzene-d5‡	82.4	11-102		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Phenol-d6‡	60.7	9-103		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
p-Terphenyl-d14‡	117	25-123		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4,6-Tribromophenol‡	32.7	17-97		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Acenaphthene	ND	0.95	0.50	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Acenaphthylene	ND	0.95	0.39	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Anthracene	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Benzidine	ND	9.5	1.8	ug/L	0.94787	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Benzo(a)anthracene	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Benzo(b)fluoranthene	ND	0.95	0.37	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Benzo(k)fluoranthene	ND	0.95	0.50	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Benzo(g,h,i)perylene	ND	0.95	0.40	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Benzo(a)pyrene	ND	0.95	0.40	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
4-Bromophenylphenylether	ND	0.95	0.46	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
bis(2-Chloroethoxy)methane	ND	0.95	0.56	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
bis(2-Chloroethyl)ether	ND	0.95	0.52	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
bis(2-Chloroisopropyl)ether	ND	0.95	0.53	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
bis(2-Ethylhexyl)phthalate	0.644	1.9	0.41	ug/L	0.94787	Jb	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2-Chloronaphthalene	ND	0.95	0.63	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
4-Chlorophenylphenylether	ND	0.95	0.62	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Chrysene	ND	0.95	0.51	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Dibenzo(a,h)anthracene	ND	0.95	0.37	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Di-n-butylphthalate	0.553	1.9	0.35	ug/L	0.94787	J	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
1,2-Dichlorobenzene	ND	0.95	0.47	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
1,3-Dichlorobenzene	ND	0.95	0.45	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
1,4-Dichlorobenzene	ND	0.95	0.47	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
3,3'-Dichlorobenzidine	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Diethylphthalate	ND	0.95	0.34	ug/L	0.94787	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Dimethylphthalate	ND	0.95	0.31	ug/L	0.94787	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
4,6-Dinitro-2-methylphenol	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4-Dinitrotoluene	ND	0.95	0.49	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,6-Dinitrotoluene	ND	0.95	0.55	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Di-n-octylphthalate	ND	0.95	0.31	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Fluoranthene	ND	0.95	0.44	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Fluorene	ND	0.95	0.62	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Hexachlorobenzene	ND	0.95	0.47	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Hexachlorobutadiene	ND	0.95	0.45	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Hexachlorocyclopentadiene	ND	0.95	0.24	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Hexachloroethane	ND	0.95	0.43	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Indeno(1,2,3-c,d)pyrene	ND	0.95	0.38	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Isophorone	ND	0.95	0.41	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Naphthalene	ND	0.95	0.55	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Nitrobenzene	ND	0.95	0.47	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
N-Nitrosodiphenylamine	ND	0.95	0.74	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
N-Nitrosodi-n-propylamine	ND	0.95	0.53	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Phenanthrene	ND	0.95	0.50	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Phenol	ND	0.95	0.88	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Pyrene	ND	0.95	0.46	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
Pyridine	ND	9.5	0.32	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
1,2,4-Trichlorobenzene	ND	0.95	0.48	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4,6-Trichlorophenol	ND	0.95	0.90	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
1,2-Diphenylhydrazine	ND	0.95	0.47	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-21:37SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.9434	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Alpha BHC	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Beta BHC	ND	4.7	1.5	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Delta BHC	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Dieldrin	ND	4.7	1.5	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Endosulfan I	ND	4.7	2.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Endosulfan II	ND	4.7	2.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Endrin	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Heptachlor	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Methoxychlor	ND	4.7	0.46	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
cis_Nonachlor	ND	47	1.6	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
o,p - DDD	ND	4.7	0.54	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
o,p - DDE	ND	4.7	0.35	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
o,p - DDT	ND	4.7	0.95	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
trans-Nonachlor	ND	47	1.2	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
Tetrachloro-m-xylene‡	65.1	26-90		%	0.9434		625P	211614	09/27/16 17:00	625P	214450-GM210	09/30/16-23:23SG
TOC AVT:1'4												
TOC	0.722	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-20:25AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : SMBRP-12
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-004
Customer ID : 2-25173

Sampled On : September 21, 2016-10:10
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	0.413 ± 2.81	4.59	pCi/L	15		900.0	211777	09/30/16 07:00	900.0	214474-GP215	10/04/16-18:00caa
Gross Beta	16.0 ± 3.07	2.53	pCi/L	50	l	900.0	211777	09/30/16 07:00	900.0	214440-GP219	10/04/16-10:00caa
Strontium 90	0.057 ± 0.714	0.491	pCi/L	8		905.0	211658	09/27/16 19:30	905.0	214239-GP217	09/29/16-11:20caa
Total Alpha Radium (226)	0.419 ± 0.249	0.470	pCi/L	3		903.0	211720	09/28/16 18:30	903.0	214423-GP216	10/03/16-09:40caa
Tritium	165 ± 263	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/27/16-01:00caa
Uranium	1.39 ± 0.914	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-17:52caa
Ra 228	0.193 ± 0.468	0.200	pCi/L	2		Ra - 05	211657	10/03/16 18:00	Ra - 05	214503-GP219	10/04/16-18:50caa

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

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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.

October 14, 2016

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

Description : MCWP-MW09
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-007
Customer ID : 2-25173

Sampled On : September 21, 2016-11:30
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
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
General Mineral P:1'5												
Total Hardness as CaCO3	1210	2.5	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Calcium	178	1	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Magnesium	186	1	0.0037	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Potassium	32.4	1	0.065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Sodium	1140	10	0.17	mg/L	10		200.7	211949	10/04/16 06:00	200.7	214618-IT203	10/06/16-14:57AC
Total Cations	74.6	0.1	0.0065	meq/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Boron	0.972	0.05	0.0050	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Copper	ND	10	1.2	ug/L	1	U	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Iron	885	50	5.0	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Manganese	278	10	0.099	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Zinc	1.77	20	1.0	ug/L	1	J	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
SAR	14.3	0.1	0.0065	--	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:43AC
Total Alkalinity (as CaCO3)	286	10	1.1	mg/L	1	J	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-15:04AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-15:04AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-15:04AMB
Bicarbonate as HCO3	349	10	1.1	mg/L	1.000	J	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-15:04AMB
Sulfate	807	20	0.015	mg/L	20		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:27MCA
Chloride	1740	20	0.0045	mg/L	20		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:27MCA
Nitrate as NO3	ND	0.4	0.0032	mg/L	1	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:09MCA
Nitrite as N	ND	2	0.0010	mg/L	20	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:27MCA

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Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	ND	0.1	0.0032	mg/L	1	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:09MCA
Fluoride	0.418	0.1	0.0021	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:09MCA
Total Anions	71.6	0.1	1.1	meq/L	1.000	J	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-15:04AMB
pH	7.41	--	0.0	units	1	T	4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:56JMG
Specific Conductance	8130	1	0.0	umhos/cm	1		2510B	211426	09/22/16 07:50	2510B	213788-EC206	09/22/16-12:38JMG
Total Dissolved Solids	4920	85	5.8	mg/L	2.125	b	2540CE	211444	09/22/16 14:01	2540C	213845-WT219	09/23/16-10:43CTL
MBAS (foaming agents)	0.0466	0.1	0.0053	mg/L	1	Jb	5540C	211523	09/23/16 09:07	5540C	213888-UV207	09/23/16-17:25JBA
Aggressiveness Index	12.5	1	0.0	--	1		4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:56JMG
Langelier Index (20°C)	0.5	1	0.0	--	1	bJ	4500-H B	211568	09/26/16 15:30	4500HB	213951-PH203	09/26/16-15:56JMG
Nitrate Nitrogen	ND	0.1	0.00080	mg/L	1	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:09MCA
Metals, Total P:1'5												
Aluminum	0.0242	0.01	0.000050	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Antimony	0.000345	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Arsenic	0.00478	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Barium	0.0463	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Cadmium	ND	0.0002	0.000031	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Chromium	0.00172	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Copper	0.00550	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Lead	0.000222	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Mercury	0.00000229	0.00001	.0000021	mg/L	1	J	245.1	211963	10/04/16 13:00	245.1	214518-HG204	10/05/16-12:28AC
Nickel	0.00297	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Selenium	0.0131	0.004	0.00017	mg/L	2		3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-15:50AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Thallium	ND	0.0002	0.000018	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Chromium III	0.00139	0.001	0.000066	mg/L	1	b	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:47AC
Wet Chemistry AGT:1												
BOD	0.9	2	0.19	mg/L	1	JL	5210B	211424	09/22/16 12:44	5210B	214203-O2205	09/27/16-14:12AMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:34SJN
Chromium VI	0.330	0.1	0.012	ug/L	1	b	218.6	211954	09/30/16 16:50	218.6	214421-IC209	09/30/16-20:19MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211826	09/22/16 11:40	2120B	214266-JMG	09/22/16-12:00JMG
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	b	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-08:14AMB
Ammonia Nitrogen	4.18	0.2	0.072	mg/L	1		4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-08:14AMB
Kjeldahl Nitrogen	3.88	0.5	0.19	mg/L	1	b	351.2	211661	09/28/16 08:20	EPA351.2	214141-FI206	09/29/16-07:08AMB
Nitrogen, Total as Nitrogen	3.88	0.5	0.19	mg/L	1	b	351.2	211661	09/28/16 08:20	EPA351.2	214141-FI206	09/29/16-07:08AMB
Nitrate + Nitrite as N	ND	0.1	0.0032	mg/L	1	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:09MCA
Kjeldahl Nitrogen	3.88	0.5	0.19	mg/L	1	b	351.2	211661	09/28/16 08:20	EPA351.2	214141-FI206	09/29/16-07:08AMB
Odor	ND	1	0.0	TON	1	U	2150B	211833	09/22/16 06:15	2150B	214275-JMG	09/22/16-06:50jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664A	212024	10/06/16 14:06	1664A	214674-WT215	10/07/16-16:22AMM
Phosphorus, Total	0.0835	0.1	0.031	mg/L	1	J	4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:45SJN
Solids, Total Suspended (TSS)	5.00	1.1	0.49	mg/L	1.0753		2540D	211562	09/26/16 18:10	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	6.82	0.2	0.048	NTU	1		2130B	211432	09/23/16 08:05	2130B	213889-TR203	09/23/16-08:09JBA
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/24/16-05:49SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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

Description : MCWP-MW09
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-007
Customer ID : 2-25173

Sampled On : September 21, 2016-11:30
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	109	70-130		%	0.97617		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-11:48SBL
DBCP	ND	0.0098	0.0057	ug/L	0.97617	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-11:48SBL
EDB	ND	0.02	0.0027	ug/L	0.97617	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-11:48SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	30.5	70-130		%	0.98952	L	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Alachlor	ND	0.2	0.13	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Aldrin	ND	0.0099	0.0040	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Chlordane	ND	0.099	0.041	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Dieldrin	ND	0.0099	0.0024	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Endrin	ND	0.0099	0.0054	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Heptachlor	ND	0.0099	0.0026	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Heptachlor Epoxide	ND	0.0099	0.0046	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Hexachlorobenzene	ND	0.0099	0.0031	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Hexachlorocyclopentadiene	ND	0.099	0.027	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Lindane (Gamma BHC)	ND	0.049	0.0049	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Methoxychlor	ND	0.099	0.0098	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
Toxaphene	ND	0.49	0.11	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
PCB 1016	ND	0.49	0.22	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
PCB 1221	ND	0.49	0.067	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
PCB 1232	ND	0.49	0.13	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.49	0.14	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
PCB 1254	ND	0.49	0.026	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
PCB 1260	ND	0.49	0.055	ug/L	0.98952	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-07:20SBL
EPA 507 AGT:1												
Triphenylphosphate‡	75.3	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Prometryne	0.174	2	0.095	ug/L	1	J	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-07:51SG
EPA 515 AGT:1												
2,4-DCAA‡	93.4	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-01:50SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	96.9	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2-Dichlorobenzene-d4‡	97.3	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-19:58VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:27SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-16:01SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211622	09/27/16 13:31	548.1	214670-GC220	10/07/16-20:21SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-16:26SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	98.2	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
Chloroacetic Acid	0.962	2	0.28	ug/L	1	Jbh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
Dibromoacetic Acid	ND	1	0.25	ug/L	1	Ubh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
Trichloroacetic Acid	0.519	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
Haloacetic acids (five)	1.48	1	0.55	ug/L	1	hJb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:22SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	69.6	15-143		%	0.95238		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
Chlordane	ND	1.9	0.32	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
Toxaphene	ND	1.9	0.044	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1016	ND	0.48	0.13	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1221	ND	0.48	0.084	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1232	ND	0.48	0.20	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1242	ND	0.48	0.20	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1248	ND	0.48	0.064	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1254	ND	0.48	0.086	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
PCB 1260	ND	0.48	0.11	ug/L	0.95238	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-07:45SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	95.8	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Fluorobenzene‡	84.4	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Pentafluorobenzene‡	70.7	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:01VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	79.3	10-99		%	0.95694		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2-Fluorophenol‡	20.1	15-96		%	0.95694		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Nitrobenzene-d5‡	78.7	11-102		%	0.95694		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Phenol-d6‡	29.2	9-103		%	0.95694		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
p-Terphenyl-d14‡	122	25-123		%	0.95694		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4,6-Tribromophenol‡	21.3	17-97		%	0.95694		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Acenaphthene	ND	0.96	0.50	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Acenaphthylene	ND	0.96	0.39	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Anthracene	ND	0.96	0.43	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Benzidine	ND	9.6	1.8	ug/L	0.95694	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Benzo(a)anthracene	ND	0.96	0.43	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Benzo(b)fluoranthene	ND	0.96	0.37	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Benzo(k)fluoranthene	ND	0.96	0.50	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Benzo(g,h,i)perylene	ND	0.96	0.40	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Benzo(a)pyrene	ND	0.96	0.40	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
4-Bromophenylphenylether	ND	0.96	0.46	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
bis(2-Chloroethoxy)methane	ND	0.96	0.56	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
bis(2-Chloroethyl)ether	ND	0.96	0.52	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
bis(2-Chloroisopropyl)ether	ND	0.96	0.53	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
bis(2-Ethylhexyl)phthalate	1.35	1.9	0.41	ug/L	0.95694	Jb	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2-Chloronaphthalene	ND	0.96	0.63	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
4-Chlorophenylphenylether	ND	0.96	0.62	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Chrysene	ND	0.96	0.51	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Dibenzo(a,h)anthracene	ND	0.96	0.37	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Di-n-butylphthalate	0.362	1.9	0.35	ug/L	0.95694	J	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
1,2-Dichlorobenzene	ND	0.96	0.47	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
1,3-Dichlorobenzene	ND	0.96	0.45	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
1,4-Dichlorobenzene	ND	0.96	0.47	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
3,3'-Dichlorobenzidine	ND	0.96	0.43	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Diethylphthalate	ND	0.96	0.34	ug/L	0.95694	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Dimethylphthalate	ND	0.96	0.31	ug/L	0.95694	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
4,6-Dinitro-2-methylphenol	ND	0.96	0.43	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4-Dinitrophenol	ND	4.8	0.22	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4-Dinitrotoluene	ND	0.96	0.49	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,6-Dinitrotoluene	ND	0.96	0.55	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Di-n-octylphthalate	ND	0.96	0.31	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Fluoranthene	ND	0.96	0.44	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Fluorene	ND	0.96	0.62	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Hexachlorobenzene	ND	0.96	0.47	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Hexachlorobutadiene	ND	0.96	0.45	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Hexachlorocyclopentadiene	ND	0.96	0.24	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Hexachloroethane	ND	0.96	0.43	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Indeno(1,2,3-c,d)pyrene	ND	0.96	0.38	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Isophorone	ND	0.96	0.41	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Naphthalene	ND	0.96	0.55	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Nitrobenzene	ND	0.96	0.47	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
N-Nitrosodiphenylamine	ND	0.96	0.74	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
N-Nitrosodi-n-propylamine	ND	0.96	0.53	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Phenanthrene	ND	0.96	0.50	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Phenol	ND	0.96	0.88	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Pyrene	ND	0.96	0.46	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
Pyridine	ND	9.6	0.32	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
1,2,4-Trichlorobenzene	ND	0.96	0.48	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4,6-Trichlorophenol	ND	0.96	0.90	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
1,2-Diphenylhydrazine	ND	0.96	0.47	ug/L	0.95694	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.95694	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-22:26SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.93897	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Alpha BHC	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Beta BHC	ND	4.7	1.5	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Delta BHC	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Dieldrin	ND	4.7	1.5	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Endosulfan I	ND	4.7	2.1	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Endosulfan II	ND	4.7	2.1	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Endrin	ND	4.7	1.3	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Heptachlor	ND	4.7	1.8	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Methoxychlor	ND	4.7	0.46	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
cis_Nonachlor	ND	47	1.6	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
o,p - DDD	ND	4.7	0.54	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
o,p - DDE	ND	4.7	0.35	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
o,p - DDT	ND	4.7	0.95	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
trans-Nonachlor	ND	47	1.2	ng/L	0.93897	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
Tetrachloro-m-xylene‡	69.8	26-90		%	0.93897		625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:06SG
TOC AVT:1'4												
TOC	0.310	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-20:43AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : MCWP-MW09
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-007
Customer ID : 2-25173

Sampled On : September 21, 2016-11:30
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	0.000 ± 3.11	5.22	pCi/L	15		900.0	211777	09/30/16 07:00	900.0	214474-GP215	10/05/16-06:00caa
Gross Beta	9.55 ± 2.93	3.21	pCi/L	50	l	900.0	211777	09/30/16 07:00	900.0	214439-GP218	10/04/16-10:00caa
Strontium 90	0.000 ± 0.695	0.491	pCi/L	8		905.0	211658	09/27/16 19:30	905.0	214239-GP217	09/29/16-11:40caa
Total Alpha Radium (226)	0.389 ± 0.242	0.470	pCi/L	3		903.0	211720	09/28/16 18:30	903.0	214423-GP216	10/03/16-10:00caa
Tritium	207 ± 264	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/27/16-02:00caa
Uranium	1.93 ± 1.03	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-18:18caa
Ra 228	0.130 ± 0.449	0.253	pCi/L	2		Ra - 05	211657	10/03/16 18:00	Ra - 05	214499-GP218	10/04/16-19:30caa

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

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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.

October 14, 2016

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

Description : TY-MW-1
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-008
Customer ID : 2-25173

Sampled On : September 21, 2016-08:30
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
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
General Mineral P:1'5												
Total Hardness as CaCO3	1140	2.5	0.13	mg/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Calcium	259	1	0.13	mg/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Magnesium	121	1	0.0081	mg/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Potassium	12.3	1	0.037	mg/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Sodium	131	1	0.17	mg/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Total Cations	28.9	0.1	0.13	meq/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Boron	0.286	0.05	0.00089	mg/L	1	U	200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Copper	14.3	10	1.1	ug/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Iron	5130	50	2.3	ug/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Manganese	134	10	0.13	ug/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Zinc	95.3	20	3.2	ug/L	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
SAR	1.68	0.1	0.13	--	1		200.7	211949	10/04/16 06:00	200.7	214498-IT203	10/04/16-18:13AC
Total Alkalinity (as CaCO3)	430	10	1.1	mg/L	1		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-10:35AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-10:35AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-10:35AMB
Bicarbonate as HCO3	525	10	1.1	mg/L	1.000		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-10:35AMB
Sulfate	610	10	0.015	mg/L	10		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-14:04MCA
Chloride	396	10	0.0045	mg/L	10		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-14:04MCA
Nitrate as NO3	0.218	0.4	0.0032	mg/L	1	J	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:46MCA
Nitrite as N	ND	0.1	0.0010	mg/L	1	U	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:46MCA

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

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	0.0500	0.1	0.0032	mg/L	1	J	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:46MCA
Fluoride	0.594	0.1	0.0021	mg/L	1		300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:46MCA
Total Anions	32.5	0.1	1.1	meq/L	1.000	J	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-10:35AMB
pH	6.82	--	0.0	units	1	T	4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:40JMG
Specific Conductance	3260	1	0.0	umhos/cm	1		2510B	211426	09/22/16 07:50	2510B	213788-EC206	09/22/16-12:38JMG
Total Dissolved Solids	2290	40	5.8	mg/L	1	b	2540CE	211444	09/22/16 14:01	2540C	213845-WT219	09/23/16-10:18CTL
MBAS (foaming agents)	0.0584	0.2	0.0053	mg/L	2	J	5540C	211431	09/21/16 17:15	5540C	213798-UV207	09/21/16-19:35jba
Aggressiveness Index	12.3	1	0.0	--	1		4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:40JMG
Langelier Index (20°C)	0.3	1	0.0	--	1	b	4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:40JMG
Nitrate Nitrogen	0.0500	0.1	0.00080	mg/L	1	J	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:46MCA
Metals, Total P:1'5												
Aluminum	2.65	0.1	0.000050	mg/L	10		3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-16:04AC
Antimony	0.000554	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Arsenic	0.00303	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Barium	0.0759	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Cadmium	0.000409	0.0002	0.000031	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Chromium	0.0137	0.001	0.000066	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Copper	0.00926	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Lead	0.00143	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Mercury	0.000118	0.00001	.0000021	mg/L	1		245.1	211963	10/04/16 13:00	245.1	214518-HG204	10/05/16-12:32AC
Nickel	0.0162	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Selenium	0.00718	0.004	0.00017	mg/L	2		3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-15:57AC
Silver	0.000143	0.00025	0.000022	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Thallium	0.0000440	0.0002	0.000018	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Chromium III	0.0133	0.001	0.000066	mg/L	1	b	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:54AC
Wet Chemistry AGT:1												
BOD	11.5	17	0.19	mg/L	8.6667	JL	5210B	211424	09/22/16 12:46	5210B	214203-O2205	09/27/16-14:12AMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:35SJN
Chromium VI	0.407	0.1	0.012	ug/L	1	b	218.6	211954	09/30/16 16:50	218.6	214421-IC209	09/30/16-20:30MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211826	09/22/16 11:40	2120B	214266-JMG	09/22/16-12:00JMG
Cyanide, Total	ND	0.004	0.0023	mg/L	1	U	4500CNCE	211863	10/01/16 14:12	4500CNCE	214313-UV207	10/02/16-15:32AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Jb	4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-07:41AMB
Ammonia Nitrogen	0.432	0.2	0.072	mg/L	1		4500NH3G	211524	09/26/16 05:00	4500NH3G	213992-FI207	09/27/16-07:41AMB
Kjeldahl Nitrogen	0.466	0.5	0.19	mg/L	1	Jb	351.2	211513	09/24/16 06:52	EPA351.2	211902-FI206	09/26/16-08:59AMB
Nitrogen, Total as Nitrogen	0.516	0.5	0.19	mg/L	1	Jb	351.2	211513	09/24/16 06:52	EPA351.2	211902-FI206	09/26/16-08:59AMB
Nitrate + Nitrite as N	0.0500	0.1	0.0032	mg/L	1	J	300.0	211443	09/22/16 11:00	300.0	214007-IC210	09/22/16-13:46MCA
Kjeldahl Nitrogen	0.466	0.5	0.19	mg/L	1	Jb	351.2	211513	09/24/16 06:52	EPA351.2	211902-FI206	09/26/16-08:59AMB
Odor	2.00	1	0.0	TON	1		2150B	211833	09/22/16 06:15	2150B	214275-JMG	09/22/16-06:50jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664A	212024	10/06/16 14:06	1664A	214674-WT215	10/07/16-16:22AMM
Phosphorus, Total	1.64	0.2	0.031	mg/L	2		4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:46SJN
Solids, Total Suspended (TSS)	208	10	0.49	mg/L	10		2540D	211562	09/26/16 18:10	2540D	213987-WT215	09/27/16-09:09jba
Turbidity	18.5	0.2	0.048	NTU	1		2130B	211432	09/23/16 08:05	2130B	213889-TR203	09/23/16-08:09JBA
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211486	09/23/16 15:00	314.0	213927-IC207	09/24/16-01:38SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 14, 2016

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

Description : TY-MW-1
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-008
Customer ID : 2-25173

Sampled On : September 21, 2016-08:30
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	115	70-130		%	0.96536		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-12:23SBL
DBCP	ND	0.0097	0.0057	ug/L	0.96536	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-12:23SBL
EDB	ND	0.019	0.0027	ug/L	0.96536	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-12:23SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	102	70-130		%	1.0029		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Alachlor	ND	0.2	0.13	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Aldrin	ND	0.01	0.0040	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Chlordane	ND	0.1	0.041	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Dieldrin	ND	0.01	0.0024	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Endrin	ND	0.01	0.0054	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Heptachlor	ND	0.01	0.0026	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Heptachlor Epoxide	ND	0.01	0.0046	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Hexachlorobenzene	ND	0.01	0.0031	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Hexachlorocyclopentadiene	ND	0.1	0.027	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Lindane (Gamma BHC)	ND	0.05	0.0049	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Methoxychlor	ND	0.1	0.0098	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
Toxaphene	ND	0.5	0.11	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
PCB 1016	ND	0.5	0.22	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
PCB 1221	ND	0.5	0.067	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
PCB 1232	ND	0.5	0.13	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.5	0.14	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
PCB 1248	ND	0.5	0.064	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
PCB 1254	ND	0.5	0.026	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
PCB 1260	ND	0.5	0.055	ug/L	1.0029	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:01SBL
EPA 507 AGT:1												
Triphenylphosphate‡	83.7	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/06/16-08:28SG
EPA 515 AGT:1												
2,4-DCAA‡	94.0	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-02:30SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	101	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2-Dichlorobenzene-d4‡	101	70-130		%	1		524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211698	09/27/16 08:00	524.2	214096-GM215	09/27/16-20:23VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-07:58SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211419	09/21/16 16:35	547	213777-LC204	09/22/16-16:26SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211622	09/27/16 13:31	548.1	214670-GC220	10/07/16-20:49SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-16:34SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	107	70-130		%	1		552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
Chloroacetic Acid	0.983	2	0.28	ug/L	1	Jbh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
Dibromoacetic Acid	0.913	1	0.25	ug/L	1	Jbh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	Uh	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
Trichloroacetic Acid	0.524	1	0.39	ug/L	1	Jb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
Haloacetic acids (five)	2.42	1	0.55	ug/L	1	hJb	552	211501	09/23/16 15:50	552.2	213970-GC219	09/28/16-04:54SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	21.4	15-143		%	0.93458		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
Chlordane	ND	1.9	0.32	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
Toxaphene	ND	1.9	0.044	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1016	ND	0.47	0.13	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1221	ND	0.47	0.084	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1232	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1242	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1248	ND	0.47	0.064	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1254	ND	0.47	0.086	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
PCB 1260	ND	0.47	0.11	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:06SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	90.0	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Fluorobenzene‡	87.5	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Pentafluorobenzene‡	75.0	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-18:29VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	62.8	10-99		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2-Fluorophenol‡	90.0	15-96		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Nitrobenzene-d5‡	67.0	11-102		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Phenol-d6‡	79.1	9-103		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
p-Terphenyl-d14‡	43.5	25-123		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4,6-Tribromophenol‡	76.5	17-97		%	0.94787		625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Acenaphthene	ND	0.95	0.50	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Acenaphthylene	ND	0.95	0.39	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Anthracene	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Benzidine	ND	9.5	1.8	ug/L	0.94787	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Benzo(a)anthracene	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Benzo(b)fluoranthene	ND	0.95	0.37	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Benzo(k)fluoranthene	ND	0.95	0.50	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Benzo(g,h,i)perylene	ND	0.95	0.40	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Benzo(a)pyrene	ND	0.95	0.40	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
4-Bromophenylphenylether	ND	0.95	0.46	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
bis(2-Chloroethoxy)methane	ND	0.95	0.56	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
bis(2-Chloroethyl)ether	ND	0.95	0.52	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
bis(2-Chloroisopropyl)ether	ND	0.95	0.53	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
bis(2-Ethylhexyl)phthalate	1.02	1.9	0.41	ug/L	0.94787	Jb	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2-Chloronaphthalene	ND	0.95	0.63	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
4-Chlorophenylphenylether	ND	0.95	0.62	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Chrysene	ND	0.95	0.51	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Dibenzo(a,h)anthracene	ND	0.95	0.37	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Di-n-butylphthalate	0.430	1.9	0.35	ug/L	0.94787	J	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
1,2-Dichlorobenzene	ND	0.95	0.47	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
1,3-Dichlorobenzene	ND	0.95	0.45	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
1,4-Dichlorobenzene	ND	0.95	0.47	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
3,3'-Dichlorobenzidine	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Diethylphthalate	ND	0.95	0.34	ug/L	0.94787	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Dimethylphthalate	ND	0.95	0.31	ug/L	0.94787	UL	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
4,6-Dinitro-2-methylphenol	ND	0.95	0.43	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4-Dinitrotoluene	ND	0.95	0.49	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,6-Dinitrotoluene	ND	0.95	0.55	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Di-n-octylphthalate	ND	0.95	0.31	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Fluoranthene	ND	0.95	0.44	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Fluorene	ND	0.95	0.62	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Hexachlorobenzene	ND	0.95	0.47	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Hexachlorobutadiene	ND	0.95	0.45	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Hexachlorocyclopentadiene	ND	0.95	0.24	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Hexachloroethane	ND	0.95	0.43	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Indeno(1,2,3-c,d)pyrene	ND	0.95	0.38	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Isophorone	ND	0.95	0.41	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Naphthalene	ND	0.95	0.55	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Nitrobenzene	ND	0.95	0.47	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
N-Nitrosodiphenylamine	ND	0.95	0.74	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
N-Nitrosodi-n-propylamine	ND	0.95	0.53	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Phenanthrene	ND	0.95	0.50	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Phenol	ND	0.95	0.88	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Pyrene	ND	0.95	0.46	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
Pyridine	ND	9.5	0.32	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
1,2,4-Trichlorobenzene	ND	0.95	0.48	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4,6-Trichlorophenol	ND	0.95	0.90	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
1,2-Diphenylhydrazine	ND	0.95	0.47	ug/L	0.94787	UH	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.94787	U	625	211391	09/21/16 17:30	625	214342-GM213	09/30/16-23:16SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.93458	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Alpha BHC	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Beta BHC	ND	4.7	1.5	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Delta BHC	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Dieldrin	ND	4.7	1.5	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Endosulfan I	ND	4.7	2.1	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Endosulfan II	ND	4.7	2.1	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Endrin	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Heptachlor	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Methoxychlor	ND	4.7	0.46	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
cis_Nonachlor	ND	47	1.6	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
o,p - DDD	ND	4.7	0.54	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
o,p - DDE	ND	4.7	0.35	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
o,p - DDT	ND	4.7	0.95	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
trans-Nonachlor	ND	47	1.2	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
Tetrachloro-m-xylene‡	65.4	26-90		%	0.93458		625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-00:48SG
TOC AVT:1'4												
TOC	0.915	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-21:00AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 14, 2016

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

Description : TY-MW-1
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-008
Customer ID : 2-25173

Sampled On : September 21, 2016-08:30
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	2.59 ± 3.34	4.89	pCi/L	15		900.0	211777	09/30/16 07:00	900.0	214474-GP215	10/05/16-07:00caa
Gross Beta	11.8 ± 2.71	2.54	pCi/L	50	l	900.0	211777	09/30/16 07:00	900.0	214440-GP219	10/04/16-12:00caa
Strontium 90	0.000 ± 0.703	0.491	pCi/L	8		905.0	211658	09/27/16 19:30	905.0	214239-GP217	09/29/16-12:00caa
Total Alpha Radium (226)	0.000 ± 0.117	0.470	pCi/L	3		903.0	211720	09/28/16 18:30	903.0	214423-GP216	10/03/16-10:20caa
Tritium	167 ± 263	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/27/16-03:00caa
Uranium	2.03 ± 1.05	0.300	pCi/L	20		908.0	211585	09/27/16 07:30	908.0	214183-GP220	09/28/16-18:42caa
Ra 228	0.000 ± 0.399	0.200	pCi/L	2		Ra - 05	211657	10/03/16 18:00	Ra - 05	214503-GP219	10/04/16-19:10caa

DQF Flags Definition:
l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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.

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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.

October 14, 2016

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

Description : SMBRP-13
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611199-010
Customer ID : 2-25173

Sampled On : September 21, 2016-09:40
Sampled By : Rincon (Field)
Received On : September 21, 2016-15:40
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 P:1												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	211440	09/22/16 10:30	4500NO3F	213832-FI207	09/22/16-12:35JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211462	09/22/16 10:30	4500NO3F	213830-FI207	09/22/16-12:33JDD
Nitrogen, Organic	0.264	0.5	0.072	mg/L	1	J	4500NH3G	211784	09/30/16 03:50	4500NH3G	214218-FI207	09/30/16-06:58AMB
Ammonia Nitrogen	0.161	0.2	0.072	mg/L	1	J	4500NH3G	211784	09/30/16 03:50	4500NH3G	214218-FI207	09/30/16-06:58AMB
Kjeldahl Nitrogen	0.425	0.5	0.32	mg/L	1	J	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:34AMB
Phosphorus, Total	0.0530	0.1	0.031	mg/L	1	J	4500-P B	211772	09/29/16 14:26	4500PE	214191-UV205	09/30/16-12:47SJN
Total Dissolved Solids (TFR)	3320	34	5.8	mg/L	1.7	b	2540CE	211444	09/22/16 14:01	2540C	213845-WT219	09/23/16-10:20CTL

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. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

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October 14, 2016 Lab ID : SP 1611199
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dibromoethane(EDB)	504	09/27/16:211607SBL	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2487	97.6 %	70-130	
			LCS	ug/L	0.2514	102 %	70-130	
			MS	ug/L	0.2456	114 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.2400	106 %	70-130	
			MSRPD	ug/L	0.5632	8.9%	≤30	
			QMDL	ug/L	0.01984	127 %	60-140	
1,3-Dibromopropane	504	09/27/16:211607SBL	Blank	ug/L	0.5815	107 %	70-130	
			LCS	ug/L	0.5837	103 %	70-130	
			LCS	ug/L	0.5901	105 %	70-130	
			MS	ug/L	0.5764	106 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.5632	107 %	70-130	
			MSRPD	ug/L	0.5632	1.8%	≤30	
			QMDL	ug/L	0.5864	126 %	70-130	
DBCP	504	09/27/16:211607SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2487	79.8 %	70-130	
			LCS	ug/L	0.2514	84.2 %	70-130	
			MS	ug/L	0.2456	76.5 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.2400	79.3 %	70-130	
			MSRPD	ug/L	0.5632	1.3%	≤30	
			QMDL	ug/L	0.01984	71.1 %	60-140	
13DBP	504.1	09/28/16:214053SBL	CCV	ug/L	9.975	113 %	70-130	
			CCV	ug/L	7.481	126 %	70-130	
DBCP	504.1	09/28/16:214053SBL	CCV	ug/L	5.000	89.2 %	70-130	
			CCV	ug/L	2.000	88.0 %	70-130	
EDB	504.1	09/28/16:214053SBL	CCV	ug/L	5.000	104 %	70-130	
			CCV	ug/L	2.000	101 %	70-130	
Alachlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.2	
	505	09/27/16:213930SBL	CCV	ug/L	100.0	108 %	70-130	
			CCV	ug/L	150.0	93.5 %	70-130	
Aldrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.075	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	125 %	70-130	
			CCV	ug/L	15.00	98.6 %	70-130	
Chlordane	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
Dieldrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	90.2 %	70-130	
			CCV	ug/L	15.00	81.0 %	70-130	
Endrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	87.2 %	70-130	
			CCV	ug/L	15.00	81.3 %	70-130	
Heptachlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	15.00	93.7 %	70-130	
Heptachlor Epoxide	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	102 %	70-130	
			CCV	ug/L	15.00	104 %	70-130	
Hexachlorobenzene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	15.00	94.9 %	70-130	
Hexachlorocyclopentadiene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	109 %	70-130	
			CCV	ug/L	15.00	98.7 %	70-130	
Lindane	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.05	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	93.1 %	70-130	
			CCV	ug/L	15.00	84.7 %	70-130	

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October 14, 2016 Lab ID : SP 1611199
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Methoxychlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
	505	09/27/16:213930SBL	CCV	ug/L	50.00	97.1 %	70-130	
			CCV	ug/L	75.00	92.7 %	70-130	
PCB 1016/1242 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1242	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	09/26/16:211552JOM	Blank	ug/L	1.106	99.3 %	70-130	
			LCS	ug/L	1.142	99.4 %	70-130	
			MS	ug/L	1.196	103 %	N/A	
		(STK1651769-001)	MSD	ug/L	1.176	1.1 %	N/A	
			MSRPD	ug/L	1.176	196%	≤30.0	435
	505	09/27/16:213930SBL	CCV	ug/L	20.02	123 %	70-130	
			CCV	ug/L	30.03	100 %	70-130	
Toxaphene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
Alachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	87.4 %	70-130	
			BS	ug/L	2.500	103 %	47-147	
			BSD	ug/L	2.500	87.3 %	47-147	
			BSRPD	ug/L	12.50	0.38	≤1	
	507	10/06/16:214531SG	CCV	ug/L	500.0	104 %	80-120	
			CCV	ug/L	1000	105 %	80-120	
			CCV	ug/L	500.0	105 %	80-120	
Atrazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	101 %	70-130	
			BS	ug/L	2.500	86.5 %	52-154	
			BSD	ug/L	2.500	92.4 %	52-154	
			BSRPD	ug/L	12.50	0.15	≤0.5	
	507	10/06/16:214531SG	CCV	ug/L	500.0	101 %	80-120	
			CCV	ug/L	1000	95.0 %	80-120	
			CCV	ug/L	500.0	95.5 %	80-120	
Bromacil	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	100 %	70-130	
			BS	ug/L	2.500	132 %	38-170	
			BSD	ug/L	2.500	99.6 %	38-170	
			BSRPD	ug/L	12.50	0.81	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	96.1 %	80-120	
			CCV	ug/L	1000	90.7 %	80-120	
			CCV	ug/L	500.0	119 %	80-120	
Butachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	118 %	70-130	
			BS	ug/L	2.500	92.6 %	37-150	
			BSD	ug/L	2.500	111 %	37-150	
			BSRPD	ug/L	12.50	17.9%	≤53.8	
	507	10/06/16:214531SG	CCV	ug/L	500.0	117 %	80-120	
			CCV	ug/L	1000	109 %	80-120	
			CCV	ug/L	500.0	85.7 %	80-120	
Cyanazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	105 %	70-130	
			BS	ug/L	2.500	119 %	41-152	
			BSD	ug/L	2.500	98.0 %	41-152	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Cyanazine	507	09/28/16:211665SG	BSRPD	ug/L	12.50	19.5%	≤30	
	507	10/06/16:214531SG	CCV	ug/L	500.0	115 %	80-120	
			CCV	ug/L	1000	94.5 %	80-120	
			CCV	ug/L	500.0	96.6 %	80-120	
Diazinon	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	75.8 %	70-130	
			BS	ug/L	2.500	68.4 %	56-128	
			BSD	ug/L	2.500	68.4 %	56-128	
			BSRPD	ug/L	12.50	0.0019	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	97.5 %	80-120	
			CCV	ug/L	1000	84.4 %	80-120	
			CCV	ug/L	500.0	103 %	80-120	
Dimethoate	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	106 %	70-130	
			BS	ug/L	2.500	88.7 %	49-168	
			BSD	ug/L	2.500	94.4 %	49-168	
			BSRPD	ug/L	12.50	0.14	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	102 %	80-120	
			CCV	ug/L	1000	104 %	80-120	
			CCV	ug/L	500.0	104 %	80-120	
EPN/Triphenylphosphate	507	09/28/16:211665SG	Blank	ug/L	12.50	88.4 %	70-130	
			LCS	ug/L	12.50	94.3 %	70-130	
			BS	ug/L	12.50	82.0 %	70-130	
			BSD	ug/L	12.50	93.0 %	70-130	
			BSRPD	ug/L	12.50	12.6%	≤30	
Metolachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	116 %	70-130	
			BS	ug/L	2.500	80.4 %	45-154	
			BSD	ug/L	2.500	79.2 %	45-154	
			BSRPD	ug/L	12.50	0.031	≤1	
	507	10/06/16:214531SG	CCV	ug/L	500.0	112 %	80-120	
			CCV	ug/L	1000	117 %	80-120	
			CCV	ug/L	500.0	109 %	80-120	
Metribuzin	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	101 %	70-130	
			BS	ug/L	2.500	76.0 %	30-169	
			BSD	ug/L	2.500	96.5 %	30-169	
			BSRPD	ug/L	12.50	0.51	≤0.5	410
	507	10/06/16:214531SG	CCV	ug/L	500.0	82.4 %	80-120	
			CCV	ug/L	1000	81.8 %	80-120	
			CCV	ug/L	500.0	86.1 %	80-120	
Molinate	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	100 %	70-130	
			BS	ug/L	2.500	81.7 %	19-191	
			BSD	ug/L	2.500	80.3 %	19-191	
			BSRPD	ug/L	12.50	0.034	≤2	
	507	10/06/16:214531SG	CCV	ug/L	500.0	114 %	80-120	
			CCV	ug/L	1000	90.4 %	80-120	
			CCV	ug/L	500.0	89.7 %	80-120	
Prometryne	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	103 %	70-130	
			BS	ug/L	2.500	89.2 %	44-152	
			BSD	ug/L	2.500	106 %	44-152	
			BSRPD	ug/L	12.50	0.43	≤2	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Prometryne	507	10/06/16:214531SG	CCV	ug/L	500.0	97.0 %	80-120	
			CCV	ug/L	1000	95.5 %	80-120	
			CCV	ug/L	500.0	95.6 %	80-120	
Propachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	93.5 %	70-130	
			BS	ug/L	2.500	88.2 %	36-179	
			BSD	ug/L	2.500	101 %	36-179	
			BSRPD	ug/L	12.50	0.32	≤0.5	
	507	10/06/16:214531SG	CCV	ug/L	500.0	116 %	80-120	
			CCV	ug/L	1000	98.0 %	80-120	
			CCV	ug/L	500.0	92.1 %	80-120	
Simazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	108 %	70-130	
			BS	ug/L	2.500	95.8 %	49-167	
			BSD	ug/L	2.500	102 %	49-167	
			BSRPD	ug/L	12.50	0.15	≤0.5	
	507	10/06/16:214531SG	CCV	ug/L	500.0	104 %	80-120	
			CCV	ug/L	1000	95.6 %	80-120	
			CCV	ug/L	500.0	95.5 %	80-120	
Thiobencarb	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	102 %	70-130	
			BS	ug/L	2.500	76.2 %	50-148	
			BSD	ug/L	2.500	92.0 %	50-148	
			BSRPD	ug/L	12.50	0.40	≤1	
	507	10/06/16:214531SG	CCV	ug/L	500.0	96.8 %	80-120	
			CCV	ug/L	1000	93.7 %	80-120	
			CCV	ug/L	500.0	106 %	80-120	
Triphenylphosphate	507	10/06/16:214531SG	CCV	ug/L	2500	114 %	80-120	
			CCV	ug/L	7501	112 %	80-120	
			CCV	ug/L	2500	109 %	80-120	
2,4,5-T	515.3	10/01/16:214256SG	CCV	ug/L	80.00	128 %	70-130	
			CCV	ug/L	40.00	123 %	70-130	
2,4,5-TP (Silvex)	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	129 %	70-130	
			MS	ug/L	4.000	123 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.15	≤1	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	126 %	70-130	
			CCV	ug/L	40.00	126 %	70-130	
2,4,5-Trichlorophenoxyacetic A	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	127 %	70-130	
			MS	ug/L	4.000	121 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	118 %	70-130	
			MSRPD	ug/L	20.00	0.11	≤1	
2,4-D	515.3	09/27/16:211634SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	129 %	70-130	
			MS	ug/L	8.000	119 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.089	≤2	
	515.3	10/01/16:214256SG	CCV	ug/L	160.0	128 %	70-130	
			CCV	ug/L	80.00	119 %	70-130	
2,4-DCAA	515.3	09/27/16:211634SG	Blank	ug/L	20.00	92.7 %	70-130	
			LCS	ug/L	20.00	107 %	70-130	
			MS	ug/L	20.00	96.5 %	N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2,4-DCAA	515.3	(STK1652078-001)	MSD	ug/L	20.00	97.1 %	N/A	
			MSRPD	ug/L	20.00	0.6%	≤30.	
	515.3	10/01/16:214256SG	CCV	ug/L	400.0	103 %	70-130	
			CCV	ug/L	200.0	103 %	70-130	
Bentazon	515.3	09/27/16:211634SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	127 %	70-130	
			MS	ug/L	8.000	111 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	107 %	70-130	
			MSRPD	ug/L	20.00	0.31	≤2	
	515.3	10/01/16:214256SG	CCV	ug/L	160.0	115 %	70-130	
			CCV	ug/L	80.00	116 %	70-130	
Dalapon	515.3	09/27/16:211634SG	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	83.1 %	70-130	
			MS	ug/L	52.00	103 %	70-130	
		(STK1652078-001)	MSD	ug/L	52.00	115 %	70-130	
			MSRPD	ug/L	20.00	10.5%	≤30.0	
	515.3	10/01/16:214256SG	CCV	ug/L	1040	98.2 %	70-130	
			CCV	ug/L	520.0	110 %	70-130	
Dicamba	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	122 %	70-130	
			MS	ug/L	4.000	116 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	114 %	70-130	
			MSRPD	ug/L	20.00	0.045	≤1	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	124 %	70-130	
			CCV	ug/L	40.00	115 %	70-130	
Dinoseb	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	128 %	70-130	
			MS	ug/L	8.000	115 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	111 %	70-130	
			MSRPD	ug/L	20.00	3.1%	≤30.0	
	515.3	10/01/16:214256SG	CCV	ug/L	160.0	125 %	70-130	
			CCV	ug/L	80.00	126 %	70-130	
Pentachlorophenol	515.3	09/27/16:211634SG	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	130 %	70-130	
			MS	ug/L	4.000	115 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	113 %	70-130	
			MSRPD	ug/L	20.00	1.7%	≤30.0	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	125 %	70-130	
			CCV	ug/L	40.00	121 %	70-130	
Picloram	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	117 %	70-130	
			MS	ug/L	4.000	109 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	110 %	70-130	
			MSRPD	ug/L	20.00	0.043	≤1	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	123 %	70-130	
			CCV	ug/L	40.00	106 %	70-130	
1,1,1,2-Tetrachloroethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.3 %	12-178	
		(SP 1611200-001)	MSD	ug/L	10.00	75.5 %	12-178	
			MSRPD	ug/L	10.00	7.1%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	94.7 %	70-130	
1,1,1-Trichloroethane(TCA)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.3 %	9-176	
		(SP 1611200-001)	MSD	ug/L	10.00	80.2 %	9-176	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,1,1-Trichloroethane(TCA)	524.2	09/27/16:211698VRG	MSRPD	ug/L	10.00	6.3%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.2 %	70-130	
1,1,2,2-Tetrachloroethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.1 %	23-180	
		(SP 1611200-001)	MSD	ug/L	10.00	83.0 %	23-180	
			MSRPD	ug/L	10.00	10.0%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.5 %	70-130	
1,1,2-Trichloroethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.5 %	25-173	
		(SP 1611200-001)	MSD	ug/L	10.00	80.3 %	25-173	
			MSRPD	ug/L	10.00	11.6%	≤29	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.6 %	70-130	
1,1-Dichloroethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.1 %	15-161	
		(SP 1611200-001)	MSD	ug/L	10.00	73.3 %	15-161	
			MSRPD	ug/L	10.00	7.3%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.8 %	70-130	
1,1-Dichloroethylene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	62.9 %	0-162	
		(SP 1611200-001)	MSD	ug/L	10.00	68.2 %	0-162	
			MSRPD	ug/L	10.00	8.2%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	78.6 %	70-130	
1,1-Dichloropropene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.7 %	0-171	
		(SP 1611200-001)	MSD	ug/L	10.00	73.5 %	0-171	
			MSRPD	ug/L	10.00	5.2%	≤31	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	90.6 %	70-130	
1,2,3-Trichlorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.0 %	14-181	
		(SP 1611200-001)	MSD	ug/L	10.00	72.2 %	14-181	
			MSRPD	ug/L	10.00	6.0%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	94.2 %	70-130	
1,2,4-Trichlorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.7 %	10-180	
		(SP 1611200-001)	MSD	ug/L	10.00	66.3 %	10-180	
			MSRPD	ug/L	10.00	0.6%	≤32	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	84.8 %	70-130	
1,2,4-Trimethylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.0 %	2-192	
		(SP 1611200-001)	MSD	ug/L	10.00	71.7 %	2-192	
			MSRPD	ug/L	10.00	5.4%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	93.0 %	70-130	
1,2-Dichlorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.7 %	13-191	
		(SP 1611200-001)	MSD	ug/L	10.00	78.9 %	13-191	
			MSRPD	ug/L	10.00	5.6%	≤35	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.5 %	70-130	
1,2-Dichlorobenzene-d4	524.2	09/27/16:211698VRG	Blank	ug/L	10.00	102 %	70-130	
			MS	ug/L	10.00	108 %	70-130	
		(SP 1611200-001)	MSD	ug/L	10.00	111 %	70-130	
			MSRPD	ug/L	10.00	3.2%	≤20	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	107 %	70-130	
1,2-Dichloroethane (EDC)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	72.6 %	18-162	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dichloroethane (EDC)	524.2	(SP 1611200-001)	MSD	ug/L	10.00	80.6 %	18-162	
			MSRPD	ug/L	10.00	10.5%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	97.0 %	70-130	
1,2-Dichloropropane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.0 %	10-163	
		(SP 1611200-001)	MSD	ug/L	10.00	76.2 %	10-163	
			MSRPD	ug/L	10.00	7.1%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	95.6 %	70-130	
1,3,5-Trimethylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.6 %	0-210	
		(SP 1611200-001)	MSD	ug/L	10.00	72.5 %	0-210	
			MSRPD	ug/L	10.00	5.5%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.9 %	70-130	
1,3-Dichlorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.6 %	17-182	
		(SP 1611200-001)	MSD	ug/L	10.00	80.5 %	17-182	
			MSRPD	ug/L	10.00	7.6%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	102 %	70-130	
1,3-Dichloropropane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.0 %	0-178	
		(SP 1611200-001)	MSD	ug/L	10.00	85.3 %	0-178	
			MSRPD	ug/L	10.00	14.3%	≤29	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	104 %	70-130	
1,4-Dichlorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	78.6 %	19-183	
		(SP 1611200-001)	MSD	ug/L	10.00	84.0 %	19-183	
			MSRPD	ug/L	10.00	6.6%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	105 %	70-130	
2,2-Dichloropropane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	65.9 %	0-288	
		(SP 1611200-001)	MSD	ug/L	10.00	72.9 %	0-288	
			MSRPD	ug/L	10.00	10.1%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	88.0 %	70-130	
2-Chlorotoluene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.2 %	17-180	
		(SP 1611200-001)	MSD	ug/L	10.00	82.5 %	17-180	
			MSRPD	ug/L	10.00	6.7%	≤38	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	108 %	70-130	
4-Bromofluorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L	10.00	105 %	70-130	
			MS	ug/L	10.00	120 %	70-130	
		(SP 1611200-001)	MSD	ug/L	10.00	126 %	70-130	
			MSRPD	ug/L	10.00	5.3%	≤30	
4-Bromofluorobenzene (BFB)	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	118 %	70-130	
4-Chlorotoluene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.2 %	11-177	
		(SP 1611200-001)	MSD	ug/L	10.00	75.8 %	11-177	
			MSRPD	ug/L	10.00	7.6%	≤41	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	94.4 %	70-130	
Benzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.8 %	12-158	
		(SP 1611200-001)	MSD	ug/L	10.00	74.9 %	12-158	
			MSRPD	ug/L	10.00	8.4%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	93.3 %	70-130	
Bromobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	

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Organic								
Bromobenzene	524.2		MS	ug/L	10.00	72.5 %	23-177	
		(SP 1611200-001)	MSD	ug/L	10.00	77.6 %	23-177	
			MSRPD	ug/L	10.00	6.7%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	96.9 %	70-130	
Bromochloromethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.2 %	4-186	
		(SP 1611200-001)	MSD	ug/L	10.00	73.4 %	4-186	
			MSRPD	ug/L	10.00	7.4%	≤30	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.2 %	70-130	
Bromodichloromethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	85.9 %	11-164	
		(SP 1611200-001)	MSD	ug/L	10.00	89.2 %	11-164	
			MSRPD	ug/L	10.00	3.8%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	109 %	70-130	
Bromoform	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	110 %	0-235	
		(SP 1611200-001)	MSD	ug/L	10.00	115 %	0-235	
			MSRPD	ug/L	10.00	4.3%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	129 %	70-130	
Bromomethane (Methyl Bromide)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	19.9 %	0-196	
		(SP 1611200-001)	MSD	ug/L	40.00	29.2 %	0-196	
			MSRPD	ug/L	10.00	38.0%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	125 %	70-130	
Carbon Tetrachloride	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.6 %	5-175	
		(SP 1611200-001)	MSD	ug/L	10.00	77.5 %	5-175	
			MSRPD	ug/L	10.00	7.9%	≤32	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.2 %	70-130	
Chlorobenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.3 %	14-175	
		(SP 1611200-001)	MSD	ug/L	10.00	77.6 %	14-175	
			MSRPD	ug/L	10.00	11.4%	≤35	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	95.5 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	17.6 %	0-184	
		(SP 1611200-001)	MSD	ug/L	40.00	23.4 %	0-184	
			MSRPD	ug/L	10.00	28.1%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.3 %	70-130	
Chloroform	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.9 %	15-163	
		(SP 1611200-001)	MSD	ug/L	10.00	82.5 %	15-163	
			MSRPD	ug/L	10.00	7.1%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	101 %	70-130	
Chloromethane(Methyl Chloride)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	18.0 %	0-224	
		(SP 1611200-001)	MSD	ug/L	40.00	25.5 %	0-224	
			MSRPD	ug/L	10.00	34.5%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	106 %	70-130	
cis-1,2-Dichloroethylene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.0 %	16-172	
		(SP 1611200-001)	MSD	ug/L	10.00	72.7 %	16-172	
			MSRPD	ug/L	10.00	9.8%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	91.5 %	70-130	

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Quality Control - Organic

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Organic								
cis-1,3-Dichloropropene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.4 %	5-158	
		(SP 1611200-001)	MSD	ug/L	10.00	82.4 %	5-158	
			MSRPD	ug/L	10.00	11.5%	≤38	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.4 %	70-130	
Dibromochloromethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.2 %	1-180	
		(SP 1611200-001)	MSD	ug/L	10.00	105 %	1-180	
			MSRPD	ug/L	10.00	6.6%	≤34	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	120 %	70-130	
Dibromomethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.8 %	11-168	
		(SP 1611200-001)	MSD	ug/L	10.00	78.4 %	11-168	
			MSRPD	ug/L	10.00	6.0%	≤28	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	95.6 %	70-130	
Dichlorodifluoromethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	12.8 %	0-334	
		(SP 1611200-001)	MSD	ug/L	40.00	18.7 %	0-334	
			MSRPD	ug/L	10.00	37.0%	≤39	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	70.8 %	70-130	
Dichloromethane	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.4 %	20-157	
		(SP 1611200-001)	MSD	ug/L	10.00	72.8 %	20-157	
			MSRPD	ug/L	10.00	9.2%	≤36	
Ethyl tert-Butyl Ether	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	104 %	11-165	
		(SP 1611200-001)	MSD	ug/L	10.00	120 %	11-165	
			MSRPD	ug/L	10.00	1.7	≤3	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	144 %	70-130	360
Ethylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	61.2 %	9-174	
		(SP 1611200-001)	MSD	ug/L	10.00	67.7 %	9-174	
			MSRPD	ug/L	10.00	10.1%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	84.0 %	70-130	
Freon-11	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	20.5 %	0-232	
		(SP 1611200-001)	MSD	ug/L	40.00	29.7 %	0-232	
			MSRPD	ug/L	10.00	36.5%	≤35	435
Hexachlorobutadiene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.6 %	14-200	
		(SP 1611200-001)	MSD	ug/L	10.00	69.9 %	14-200	
			MSRPD	ug/L	10.00	2.0%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	88.7 %	70-130	
Isopropyl Ether	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	92.2 %	8-165	
		(SP 1611200-001)	MSD	ug/L	10.00	97.5 %	8-165	
			MSRPD	ug/L	10.00	0.54	≤3	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	118 %	70-130	
Isopropylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	63.2 %	4-159	
		(SP 1611200-001)	MSD	ug/L	10.00	67.1 %	4-159	
			MSRPD	ug/L	10.00	6.0%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	84.6 %	70-130	
Methyl tert-Butyl Ether	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	133 %	70-130	360

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Methyl tert-Butyl Ether (MTBE)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	102 %	11-168	
		(SP 1611200-001)	MSD	ug/L	10.00	113 %	11-168	
			MSRPD	ug/L	10.00	9.8%	≤29	
Methylene Chloride	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.4 %	70-130	
Naphthalene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	59.5 %	0-189	
		(SP 1611200-001)	MSD	ug/L	10.00	61.3 %	0-189	
			MSRPD	ug/L	10.00	2.9%	≤32	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	76.7 %	70-130	
n-Butylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.5 %	4-186	
		(SP 1611200-001)	MSD	ug/L	10.00	69.8 %	4-186	
			MSRPD	ug/L	10.00	1.8%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.7 %	70-130	
n-Propylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	64.5 %	0-174	
		(SP 1611200-001)	MSD	ug/L	10.00	70.4 %	0-174	
			MSRPD	ug/L	10.00	8.8%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.4 %	70-130	
p-Isopropyltoluene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.3 %	0-193	
		(SP 1611200-001)	MSD	ug/L	10.00	70.2 %	0-193	
			MSRPD	ug/L	10.00	4.3%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.3 %	70-130	
sec-Butylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.1 %	0-177	
		(SP 1611200-001)	MSD	ug/L	10.00	71.0 %	0-177	
			MSRPD	ug/L	10.00	4.2%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	89.8 %	70-130	
Styrene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	63.7 %	0-198	
		(SP 1611200-001)	MSD	ug/L	10.00	66.3 %	0-198	
			MSRPD	ug/L	10.00	4.0%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	87.2 %	70-130	
TAME	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	125 %	15-162	
		(SP 1611200-001)	MSD	ug/L	10.00	139 %	15-162	
			MSRPD	ug/L	10.00	1.3	≤3	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	167 %	70-130	360
tert-Butylbenzene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	65.6 %	9-179	
		(SP 1611200-001)	MSD	ug/L	10.00	68.8 %	9-179	
			MSRPD	ug/L	10.00	4.7%	≤38	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	86.2 %	30-130	
Tetrachloroethylene (PCE)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.0 %	14-186	
		(SP 1611200-001)	MSD	ug/L	10.00	74.0 %	14-186	
			MSRPD	ug/L	10.00	4.0%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	93.3 %	70-130	
Toluene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.3 %	3-174	
		(SP 1611200-001)	MSD	ug/L	10.00	77.1 %	3-174	
			MSRPD	ug/L	10.00	7.8%	≤37	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Toluene	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	98.3 %	30-130	
trans-1,2-Dichloroethylene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	62.3 %	5-165	
		(SP 1611200-001)	MSD	ug/L	10.00	66.4 %	5-165	
			MSRPD	ug/L	10.00	6.4%	≤40	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	80.6 %	70-130	
trans-1,3-Dichloropropene	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	72.9 %	0-169	
		(SP 1611200-001)	MSD	ug/L	10.00	81.3 %	0-169	
			MSRPD	ug/L	10.00	11.0%	≤31	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	99.1 %	70-130	
Trichloroethylene (TCE)	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.5 %	11-167	
		(SP 1611200-001)	MSD	ug/L	10.00	72.1 %	11-167	
			MSRPD	ug/L	10.00	6.6%	≤35	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	87.6 %	70-130	
Trichlorofluoromethane F-11	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	113 %	70-130	
Trichlorotrifluoroethane F-113	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.8 %	0-183	
		(SP 1611200-001)	MSD	ug/L	10.00	75.6 %	0-183	
			MSRPD	ug/L	10.00	6.5%	≤33	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	83.4 %	70-130	
Vinyl Chloride	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	22.0 %	0-208	
		(SP 1611200-001)	MSD	ug/L	40.00	33.5 %	0-208	
			MSRPD	ug/L	10.00	41.4%	≤40	435
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	132 %	30-130	360
Xylenes m,p	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	64.7 %	0-193	
		(SP 1611200-001)	MSD	ug/L	20.00	70.2 %	0-193	
			MSRPD	ug/L	10.00	8.1%	≤37	
	524.2	09/27/16:214096VRG	CCV	ug/L	20.00	90.5 %	70-130	
Xylenes o	524.2	09/27/16:211698VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	62.9 %	0-188	
		(SP 1611200-001)	MSD	ug/L	10.00	65.4 %	0-188	
			MSRPD	ug/L	10.00	3.9%	≤36	
	524.2	09/27/16:214096VRG	CCV	ug/L	10.00	85.6 %	70-130	
3-Hydroxycarbofuran	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	82.8 %	80-120	
			MS	ug/L	20.00	93.2 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	81.6 %	65-135	
			MSRPD	ug/L	20.00	13.3%	≤16.8	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	114 %	80-120	
			CCV	ug/L	20.00	89.8 %	80-120	
			CCV	ug/L	10.00	93.9 %	80-120	
Aldicarb	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	93.0 %	80-120	
			MS	ug/L	20.00	92.4 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	84.2 %	65-135	
			MSRPD	ug/L	20.00	9.3%	≤11.2	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	115 %	80-120	
			CCV	ug/L	20.00	89.8 %	80-120	
			CCV	ug/L	10.00	110 %	80-120	
Aldicarb Sulfone	531.1	09/29/16:214102SG	CCV	ug/L	10.00	115 %	80-120	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Aldicarb Sulfone	531.1	09/29/16:214102SG	CCV	ug/L	20.00	107 %	80-120	
			CCV	ug/L	10.00	112 %	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	107 %	80-120	
			LCS	ug/L	20.00	110 %	80-120	
			MS	ug/L	20.00	95.4 %	65-135	
			MS	ug/L	20.00	110 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	104 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	87.8 %	65-135	
			MSRPD	ug/L	20.00	8.3%	≤7.28	435
			MSRPD	ug/L	20.00	22.7%	≤13.8	435
Aldicarb Sulfoxide	531.1	09/29/16:214102SG	CCV	ug/L	10.00	111 %	80-120	
			CCV	ug/L	20.00	88.0 %	80-120	
			CCV	ug/L	10.00	88.9 %	80-120	
Carbaryl	531.1	09/29/16:214102SG	CCV	ug/L	10.00	83.4 %	80-120	
			CCV	ug/L	20.00	83.1 %	80-120	
			CCV	ug/L	10.00	89.8 %	80-120	
Carbaryl/Naphthol	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	85.3 %	80-120	
			MS	ug/L	20.00	86.8 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	85.7 %	65-135	
			MSRPD	ug/L	20.00	0.21	≤5	
Carbofuran	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	84.0 %	80-120	
			MS	ug/L	20.00	90.8 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	97.2 %	65-135	
			MSRPD	ug/L	20.00	1.3	≤5	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	103 %	80-120	
			CCV	ug/L	20.00	86.6 %	80-120	
			CCV	ug/L	10.00	108 %	80-120	
Methomyl	531.1	09/28/16:211702SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	88.1 %	80-120	
			MS	ug/L	20.00	103 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	87.0 %	65-135	
			MSRPD	ug/L	20.00	16.5%	≤53.1	
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	99.9 %	80-120	
			CCV	ug/L	20.00	114 %	80-120	
			CCV	ug/L	10.00	104 %	80-120	
Oxamyl	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	89.6 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	129 %	65-135	
			MSRPD	ug/L	20.00	7.8	≤5	435
	531.1	09/29/16:214102SG	CCV	ug/L	10.00	90.4 %	80-120	
			CCV	ug/L	20.00	93.0 %	80-120	
			CCV	ug/L	10.00	116 %	80-120	
TOC	5310C	09/26/16:211516AMM	Blank	mg/L		ND	<0.3	
			BS	mg/L	15.00	111 %	75-125	
			BSD	mg/L	15.00	110 %	75-125	
			BSRPD	mg/L	15.00	1.5%	≤23.0	
	5310C	09/27/16:214089AMM	CCV	ppm	15.00	109 %	67-122	
			CCV	ppm	15.00	108 %	67-122	
Glyphosate	547	09/21/16:211419SG	Blank	ug/L		ND	<20	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Glyphosate	547	09/21/16:211419SG	LCS	ug/L	200.0	101 %	71-129	
			MS	ug/L	200.0	102 %	56-139	
		(SP 1611142-001)	MSD	ug/L	200.0	99.3 %	56-139	
			MSRPD	ug/L	200.0	3.0%	≤15	
	547	09/22/16:213777SG	CCV	ug/L	100.0	109 %	80-120	
			CCV	ug/L	200.0	102 %	80-120	
Endothall	548.1	09/27/16:211622SG	Blank	ug/L		ND	<40	
			LCS	ug/L	66.67	72.5 %	30-96	
			MS	ug/L	66.67	65.1 %	15-87	
		(STK1652078-001)	MSD	ug/L	66.67	65.3 %	15-87	
			MSRPD	ug/L	66.67	0.14	≤40	
	548.1	10/07/16:214670SG	CCV	ug/L	2500	88.0 %	70-130	
			CCV	ug/L	1000	93.6 %	70-130	
Diquat Dibromide	549	09/22/16:211450SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	60.4 %	34-114	
			MS	ug/L	20.00	49.1 %	0-86	
		(SP 1611142-001)	MSD	ug/L	20.00	48.7 %	0-86	
			MSRPD	ug/L	20.00	0.061	≤2	
	549.2	09/23/16:213932SG	CCV	ug/L	1000	88.7 %	80-120	
			CCV	ug/L	500.0	86.8 %	80-120	
2,3-Dibromopropionic Acid	552	09/23/16:211501SBL	Blank	ug/L	5.000	111 %	70-130	
			LCS	ug/L	5.000	121 %	70-130	
			MS	ug/L	5.000	124 %	70-130	
		(SP 1610913-001)	MSD	ug/L	5.000	140 %	70-130	435
			MSRPD	ug/L	5.000	11.8%	≤20.0	
Dibromoacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	96.8 %	70-130	
			MS	ug/L	10.00	129 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	184 %	70-130	435
			MSRPD	ug/L	5.000	24.9%	≤20.0	435
Dichloroacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	99.2 %	70-130	
			MS	ug/L	10.00	105 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	141 %	70-130	435
			MSRPD	ug/L	5.000	23.7%	≤20.0	435
Monobromoacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	97.2 %	70-130	
			MS	ug/L	10.00	107 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	132 %	70-130	435
			MSRPD	ug/L	5.000	19.4%	≤20.0	
Monochloroacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	107 %	70-130	
			MS	ug/L	10.00	109 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	135 %	70-130	435
			MSRPD	ug/L	5.000	19.0%	≤20.0	
Trichloroacetic Acid	552	09/23/16:211501SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	73.9 %	70-130	
			MS	ug/L	10.00	83.2 %	70-130	
		(SP 1610913-001)	MSD	ug/L	10.00	113 %	70-130	
			MSRPD	ug/L	5.000	28.7%	≤20.0	435
2,3-Dibromopropionic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	50.00	88.5 %	70-130	
			CCV	ug/L	50.00	76.6 %	70-130	
Dibromoacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	150.0	83.7 %	70-130	
			CCV	ug/L	100.0	91.8 %	70-130	

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Organic								
Dichloroacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	150.0	85.0 %	70-130	
			CCV	ug/L	100.0	96.5 %	70-130	
Monobromoacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	150.0	77.2 %	70-130	
			CCV	ug/L	100.0	87.6 %	70-130	
Monochloroacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	150.0	85.3 %	70-130	
			CCV	ug/L	100.0	97.9 %	70-130	
Trichloroacetic Acid	552.2	09/28/16:213970SBL	CCV	ug/L	150.0	71.4 %	70-130	
			CCV	ug/L	100.0	79.6 %	70-130	
Chlordane	608	09/27/16:211539JOM	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	09/27/16:211539JOM	Blank	ug/L	0.5005	35.5 %	15-143	
			LCS	ug/L	0.5005	46.0 %	15-143	
			BS	ug/L	0.5005	61.2 %	26-141	
			BSD	ug/L	0.5005	71.8 %	26-141	
			BSRPD	ug/L	0.5005	16.0%	≤29	
	608	09/29/16:214106SBL	CCV	ug/L	100.1	102 %	85-115	
			CCV	ug/L	50.05	108 %	85-115	
			CCV	ug/L	100.1	103 %	85-115	
Toxaphene	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.6 %	66-191	
		(SP 1611120-009)	MSD	ug/L	10.00	98.4 %	66-191	
			MSRPD	ug/L	10.00	0.8%	≤21	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	86.3 %	75-125	
1,1,2,2-Tetrachloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	30-180	
		(SP 1611120-009)	MSD	ug/L	10.00	119 %	30-180	
			MSRPD	ug/L	10.00	1.6%	≤19	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	105 %	60-140	
1,1,2-Trichloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	50-146	
		(SP 1611120-009)	MSD	ug/L	10.00	123 %	50-146	
			MSRPD	ug/L	10.00	7.5%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	104 %	71-129	
1,1-Dichloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	63-159	
		(SP 1611120-009)	MSD	ug/L	10.00	147 %	63-159	
			MSRPD	ug/L	10.00	0.3%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	129 %	72-128	360
1,1-Dichloroethylene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	107 %	0-279	
		(SP 1611120-009)	MSD	ug/L	10.00	113 %	0-279	
			MSRPD	ug/L	10.00	5.3%	≤36	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	102 %	51-150	
1,2-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	149 %	57-153	
		(SP 1611120-009)	MSD	ug/L	10.00	146 %	57-153	
			MSRPD	ug/L	10.00	1.6%	≤26	

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Organic								
1,2-Dichlorobenzene	624	09/22/16:213938VRG	CCV	ug/L	10.00	127 %	63-137	
1,2-Dichloroethane (EDC)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	56-158	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	56-158	
			MSRPD	ug/L	10.00	7.0%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	101 %	68-132	
1,2-Dichloropropane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	55-152	
		(SP 1611120-009)	MSD	ug/L	10.00	126 %	55-152	
			MSRPD	ug/L	10.00	1.9%	≤23	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	114 %	34-166	
1,3-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	150 %	53-159	
		(SP 1611120-009)	MSD	ug/L	10.00	153 %	53-159	
			MSRPD	ug/L	10.00	1.7%	≤28	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	127 %	73-127	
1,4-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	159 %	53-161	
		(SP 1611120-009)	MSD	ug/L	10.00	158 %	53-161	
			MSRPD	ug/L	10.00	0.7%	≤27	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	138 %	63-137	360
2-Butanone (MEK)	624	09/22/16:211564VRG	Blank	ug/L		ND	<40	
			MS	ug/L	100.0	39.9 %	0-211	
		(SP 1611120-009)	MSD	ug/L	100.0	43.9 %	0-211	
			MSRPD	ug/L	10.00	4.1	≤40	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	49.1 %	20-230	
2-Chloroethylvinyl ether	624	09/22/16:211564VRG	Blank	ug/L		ND	<1	
			MS	ug/L	100.0	79.6 %	0-11	435
		(SP 1611120-009)	MSD	ug/L	100.0	80.4 %	0-11	435
			MSRPD	ug/L	10.00	0.9%	≤3	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	93.7 %	10-224	
2-Hexanone	624	09/22/16:211564VRG	Blank	ug/L		ND	<30	
			MS	ug/L	100.0	40.3 %	0-190	
		(SP 1611120-009)	MSD	ug/L	100.0	40.4 %	0-190	
			MSRPD	ug/L	10.00	0.074	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	52.1 %	20-283	
4-Bromofluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	100 %	70-161	
			MS	ug/L	10.00	101 %	58-151	
		(SP 1611120-009)	MSD	ug/L	10.00	93.6 %	58-151	
			MSRPD	ug/L	10.00	8.1%	≤14	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	97.4 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	09/22/16:211564VRG	Blank	ug/L		ND	<30	
			MS	ug/L	100.0	48.0 %	0-194	
		(SP 1611120-009)	MSD	ug/L	100.0	51.5 %	0-194	
			MSRPD	ug/L	10.00	3.5	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	61.1 %	20-233	
Acetone	624	09/22/16:211564VRG	Blank	ug/L		ND	<25	
			MS	ug/L	100.0	61.9 %	0-270	
		(SP 1611120-009)	MSD	ug/L	100.0	62.0 %	0-270	
			MSRPD	ug/L	10.00	0.069	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	105 %	20-367	
Acrolein	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	200.0	102 %	0-171	
		(SP 1611120-009)	MSD	ug/L	200.0	119 %	0-171	

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Organic								
Acrolein	624	09/22/16:211564VRG	MSRPD	ug/L	10.00	15.8%	≤50	
	624	09/22/16:213938VRG	CCV	ug/L	200.0	85.7 %	20-209	
Acrylonitrile	624	09/22/16:211564VRG	Blank	ug/L		ND	<2	
			MS	ug/L	200.0	147 %	0-244	
		(SP 1611120-009)	MSD	ug/L	200.0	150 %	0-244	
			MSRPD	ug/L	10.00	2.3%	≤47	
	624	09/22/16:213938VRG	CCV	ug/L	200.0	108 %	20-278	
Benzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	112 %	65-155	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	65-155	
			MSRPD	ug/L	10.00	0.6%	≤21	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	99.2 %	64-136	
Bromodichloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	62-150	
		(SP 1611120-009)	MSD	ug/L	10.00	131 %	62-150	
			MSRPD	ug/L	10.00	1.4%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	110 %	65-135	
Bromoform	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	64-150	
		(SP 1611120-009)	MSD	ug/L	10.00	138 %	64-150	
			MSRPD	ug/L	10.00	6.3%	≤16	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	132 %	71-129	360
Bromomethane (Methyl Bromide)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	272 %	48-196	435
		(SP 1611120-009)	MSD	ug/L	10.00	279 %	48-196	435
			MSRPD	ug/L	10.00	2.5%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	224 %	14-186	360
Carbon Disulfide	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	100.0	82.8 %	0-230	
		(SP 1611120-009)	MSD	ug/L	100.0	82.5 %	0-230	
			MSRPD	ug/L	10.00	0.4%	≤72	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	103 %	20-242	
Carbon Tetrachloride	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	69-206	
		(SP 1611120-009)	MSD	ug/L	10.00	104 %	69-206	
			MSRPD	ug/L	10.00	0.7%	≤19	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	99.0 %	73-127	
Chlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	123 %	69-152	
		(SP 1611120-009)	MSD	ug/L	10.00	124 %	69-152	
			MSRPD	ug/L	10.00	1.0%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	108 %	66-134	
Chloroethane (Ethyl Chloride)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	170 %	53-214	
		(SP 1611120-009)	MSD	ug/L	10.00	168 %	53-214	
			MSRPD	ug/L	10.00	1.0%	≤32	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	136 %	38-162	
Chloroform	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	55-155	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	55-155	
			MSRPD	ug/L	10.00	0.9%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	104 %	67-133	
Chloromethane(Methyl Chloride)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	232 %	33-202	435

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chloromethane(Methyl Chloride)	624	(SP 1611120-009)	MSD	ug/L	10.00	253 %	33-202	435
			MSRPD	ug/L	10.00	8.8%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	265 %	0-204	360
cis-1,3-Dichloropropene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	59-142	
		(SP 1611120-009)	MSD	ug/L	10.00	131 %	59-142	
			MSRPD	ug/L	10.00	1.9%	≤23	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	116 %	24-176	
Dibromochloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	53-151	
		(SP 1611120-009)	MSD	ug/L	10.00	124 %	53-151	
			MSRPD	ug/L	10.00	2.9%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	116 %	67-133	
Dichloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<2	
			MS	ug/L	10.00	143 %	24-207	
		(SP 1611120-009)	MSD	ug/L	10.00	148 %	24-207	
			MSRPD	ug/L	10.00	2.8%	≤33	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	128 %	60-139	
Ethylbenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	170 %	45-194	
		(SP 1611120-009)	MSD	ug/L	10.00	151 %	45-194	
			MSRPD	ug/L	10.00	11.7%	≤31	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	132 %	59-141	
Fluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	96.7 %	72-139	
			MS	ug/L	10.00	101 %	90-121	
		(SP 1611120-009)	MSD	ug/L	10.00	95.4 %	90-121	
			MSRPD	ug/L	10.00	5.9%	≤3	435
	624	09/22/16:213938VRG	CCV	ug/L	10.00	94.6 %	70-130	
Freon-11	624	09/22/16:211564VRG	Blank	ug/L		ND	<2.0	
			MS	ug/L	10.00	165 %	57-259	
		(SP 1611120-009)	MSD	ug/L	10.00	169 %	57-259	
			MSRPD	ug/L	10.00	1.9%	≤27	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	117 %	48-152	
Methyl tert-Butyl Ether (MTBE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	10.00	151 %	26-210	
		(SP 1611120-009)	MSD	ug/L	10.00	150 %	26-210	
			MSRPD	ug/L	10.00	0.13	≤5	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	135 %	63-178	
Pentafluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	70.3 %	59-151	
			MS	ug/L	10.00	73.9 %	74-148	
		(SP 1611120-009)	MSD	ug/L	10.00	76.1 %	74-148	
			MSRPD	ug/L	10.00	2.9%	≤10	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	76.7 %	70-130	
Styrene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	169 %	6-195	
		(SP 1611120-009)	MSD	ug/L	10.00	153 %	6-195	
			MSRPD	ug/L	10.00	9.9%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	133 %	67-158	
Tetrachloroethylene (PCE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	105 %	63-171	
		(SP 1611120-009)	MSD	ug/L	10.00	105 %	63-171	
			MSRPD	ug/L	10.00	0.6%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	90.9 %	73-127	
Toluene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

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Organic								
Toluene	624		MS	ug/L	10.00	113 %	65-160	
		(SP 1611120-009)	MSD	ug/L	10.00	112 %	65-160	
			MSRPD	ug/L	10.00	1.2%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	101 %	74-126	
trans-1,2-Dichloroethylene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	68-179	
		(SP 1611120-009)	MSD	ug/L	10.00	132 %	68-179	
			MSRPD	ug/L	10.00	2.3%	≤51	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	112 %	69-131	
trans-1,3-Dichloropropene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	55-148	
		(SP 1611120-009)	MSD	ug/L	10.00	136 %	55-148	
			MSRPD	ug/L	10.00	1.0%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	121 %	50-150	
Trichloroethylene (TCE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	54-178	
		(SP 1611120-009)	MSD	ug/L	10.00	106 %	54-178	
			MSRPD	ug/L	10.00	9.7%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	98.9 %	66-134	
Vinyl Acetate	624	09/22/16:211564VRG	Blank	ug/L		ND	<10	
			MS	ug/L	100.0	102 %	0-331	
		(SP 1611120-009)	MSD	ug/L	100.0	107 %	0-331	
			MSRPD	ug/L	10.00	4.1%	≤44	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	116 %	20-393	
Vinyl Chloride	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	230 %	32-217	435
		(SP 1611120-009)	MSD	ug/L	10.00	250 %	32-217	435
			MSRPD	ug/L	10.00	8.4%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	171 %	4-196	
Xylenes m,p	624	09/22/16:211564VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	20.00	166 %	50-181	
		(SP 1611120-009)	MSD	ug/L	20.00	147 %	50-181	
			MSRPD	ug/L	10.00	12.3%	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	20.00	129 %	45-170	
Xylenes o	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	174 %	38-182	
		(SP 1611120-009)	MSD	ug/L	10.00	157 %	38-182	
			MSRPD	ug/L	10.00	10.1%	≤29	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	137 %	63-163	
1,2,4-Trichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	78.8 %	36-79	
			BS	ug/L	20.00	75.9 %	20-89	
			BSD	ug/L	20.00	69.3 %	20-89	
			BSRPD	ug/L	20.00	9.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	103 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	106 %	80-120	
1,2-Dichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.4 %	32-75	310
			BS	ug/L	20.00	81.1 %	18-83	
			BSD	ug/L	20.00	75.8 %	18-83	
			BSRPD	ug/L	20.00	6.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	111 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	104 %	80-120	
1,2-Diphenylhydrazine	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	

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Quality Control - Organic

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Organic								
1,2-Diphenylhydrazine	625	09/21/16:211391JOM	LCS	ug/L	20.00	94.8 %	63-89	310
			BS	ug/L	20.00	97.9 %	25-125	
			BSD	ug/L	20.00	87.5 %	25-125	
			BSRPD	ug/L	20.00	11.2%	≤30	
1,3-Dichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	73.6 %	25-67	310
			BS	ug/L	20.00	72.6 %	13-81	
			BSD	ug/L	20.00	68.8 %	13-81	
			BSRPD	ug/L	20.00	5.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	101 %	80-120	
1,4-Dichlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	75.9 %	26-70	310
			BS	ug/L	20.00	77.2 %	14-81	
			BSD	ug/L	20.00	69.1 %	14-81	
			BSRPD	ug/L	20.00	11.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	107 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	103 %	80-120	
2,4,5-Trichlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	106 %	63-122	
			BS	ug/L	20.00	98.8 %	26-151	
			BSD	ug/L	20.00	99.4 %	26-151	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	118 %	70-130	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	120 %	70-130	
2,4,6-Tribromophenol	625	09/21/16:211391JOM	Blank	ug/L	20.00	90.9 %	17-97	
			LCS	ug/L	20.00	96.4 %	17-97	
			BS	ug/L	20.00	89.5 %	17-97	
			BSD	ug/L	20.00	87.9 %	17-97	
			BSRPD	ug/L	20.00	1.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	116 %	80-120	
2,4,6-Trichlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	67-124	
			BS	ug/L	20.00	99.0 %	24-139	
			BSD	ug/L	20.00	96.0 %	24-139	
			BSRPD	ug/L	20.00	3.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	114 %	80-120	
2,4-Dichlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	94.9 %	68-112	
			BS	ug/L	20.00	96.1 %	22-139	
			BSD	ug/L	20.00	88.4 %	22-139	
			BSRPD	ug/L	20.00	8.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	111 %	80-120	
2,4-Dimethylphenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	75.3 %	37-98	
			BS	ug/L	20.00	78.2 %	17-92	
			BSD	ug/L	20.00	71.3 %	17-92	
			BSRPD	ug/L	20.00	9.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	110 %	80-120	
2,4-Dinitrophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<5	

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Organic								
2,4-Dinitrophenol	625	09/21/16:211391JOM	LCS	ug/L	20.00	110 %	67-115	
			BS	ug/L	20.00	76.6 %	0-158	
			BSD	ug/L	20.00	100 %	0-158	
			BSRPD	ug/L	20.00	4.7	≤5	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	93.6 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	104 %	80-120	
2,4-Dinitrotoluene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	74-147	
			BS	ug/L	20.00	99.6 %	23-146	
			BSD	ug/L	20.00	101 %	23-146	
			BSRPD	ug/L	20.00	1.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	108 %	80-120	
2,6-Dinitrotoluene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	108 %	63-144	
			BS	ug/L	20.00	108 %	22-152	
			BSD	ug/L	20.00	102 %	22-152	
			BSRPD	ug/L	20.00	5.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	118 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	114 %	80-120	
2-Chlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	95.5 %	50-108	
			BS	ug/L	20.00	94.3 %	26-118	
			BSD	ug/L	20.00	91.6 %	26-118	
			BSRPD	ug/L	20.00	2.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	105 %	80-120	
2-Fluorobiphenyl	625	09/21/16:211391JOM	Blank	ug/L	10.00	78.0 %	10-99	
			LCS	ug/L	10.00	81.8 %	10-99	
			BS	ug/L	10.00	80.0 %	10-99	
			BSD	ug/L	10.00	73.2 %	10-99	
			BSRPD	ug/L	20.00	8.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	10.00	108 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	10.00	109 %	80-120	
2-Fluorophenol	625	09/21/16:211391JOM	Blank	ug/L	20.00	88.1 %	15-96	
			LCS	ug/L	20.00	80.7 %	15-96	
			BS	ug/L	20.00	76.9 %	15-96	
			BSD	ug/L	20.00	77.7 %	15-96	
			BSRPD	ug/L	20.00	1.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	107 %	80-120	
2-Nitrophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	99.6 %	59-132	
			BS	ug/L	20.00	98.9 %	29-132	
			BSD	ug/L	20.00	97.0 %	29-132	
			BSRPD	ug/L	20.00	1.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	112 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	116 %	80-120	
3,3-Dichlorobenzidine	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	68.0 %	59-148	
			BS	ug/L	20.00	55.2 %	14-100	
			BSD	ug/L	20.00	71.2 %	14-100	
			BSRPD	ug/L	20.00	25.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	120 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
3,3-Dichlorobenzidine	625	09/30/16:214342SBL	CCV	mg/L	20.00	147 %	80-120	360
4,6-Dinitro-2-methylphenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	107 %	85-109	
			BS	ug/L	20.00	91.5 %	18-165	
			BSD	ug/L	20.00	106 %	18-165	
			BSRPD	ug/L	20.00	15.1%	≤30	
4,6-Dinitro-o-cresol	625	09/27/16:214043SBL	CCV	mg/L	20.00	96.8 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	106 %	80-120	
4-Bromophenylphenylether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.1 %	64-116	
			BS	ug/L	20.00	97.6 %	22-130	
			BSD	ug/L	20.00	89.0 %	22-130	
			BSRPD	ug/L	20.00	9.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	107 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	106 %	80-120	
4-Nitrophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	129 %	61-102	310
			BS	ug/L	20.00	100 %	0-189	
			BSD	ug/L	20.00	119 %	0-189	
			BSRPD	ug/L	20.00	17.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	120 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	117 %	80-120	
Acenaphthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.8 %	15-122	
			BS	ug/L	20.00	94.7 %	26-118	
			BSD	ug/L	20.00	88.1 %	26-118	
			BSRPD	ug/L	20.00	7.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	111 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	113 %	80-120	
Acenaphthylene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.8 %	17-118	
			BS	ug/L	20.00	96.6 %	30-113	
			BSD	ug/L	20.00	90.2 %	30-113	
			BSRPD	ug/L	20.00	6.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	115 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	118 %	80-120	
Anthracene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	103 %	23-126	
			BS	ug/L	20.00	100 %	29-122	
			BSD	ug/L	20.00	100 %	29-122	
			BSRPD	ug/L	20.00	0.02%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	116 %	80-120	
Azobenzene	625	09/27/16:214043SBL	CCV	mg/L	20.00	103 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	106 %	80-120	
Benzidine	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	0.2 %	6-32	320
			BS	ug/L	20.00	0.1 %	0-25	
			BSD	ug/L	20.00	0.0 %	0-25	
			BSRPD	ug/L	20.00	0.028	≤2	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	70-130	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	114 %	70-130	
Benzo(a)anthracene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	21-132	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Benzo(a)anthracene	625	09/21/16:211391JOM	BS	ug/L	20.00	110 %	22-121	
			BSD	ug/L	20.00	109 %	22-121	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	111 %	80-120	
Benzo(a)pyrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	21-142	
			BS	ug/L	20.00	103 %	10-135	
			BSD	ug/L	20.00	109 %	10-135	
			BSRPD	ug/L	20.00	5.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	117 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	119 %	80-120	
Benzo(b)fluoranthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	20-137	
			BS	ug/L	20.00	104 %	18-126	
			BSD	ug/L	20.00	108 %	18-126	
			BSRPD	ug/L	20.00	3.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	113 %	80-120	
Benzo(g,h,i)perylene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	4-153	
			BS	ug/L	20.00	116 %	13-133	
			BSD	ug/L	20.00	105 %	13-133	
			BSRPD	ug/L	20.00	9.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	123 %	80-120	360
Benzo(k)fluoranthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	24-133	
			BS	ug/L	20.00	106 %	18-129	
			BSD	ug/L	20.00	113 %	18-129	
			BSRPD	ug/L	20.00	6.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	107 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	107 %	80-120	
bis(2-Chloroethoxy)methane	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	92.8 %	54-112	
			BS	ug/L	20.00	92.6 %	23-130	
			BSD	ug/L	20.00	86.1 %	23-130	
			BSRPD	ug/L	20.00	7.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	109 %	80-120	
bis(2-Chloroethyl)ether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	167 %	45-104	310
			BS	ug/L	20.00	137 %	23-121	436
			BSD	ug/L	20.00	139 %	23-121	436
			BSRPD	ug/L	20.00	1.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	105 %	80-120	
bis(2-Chloroisopropyl)ether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	82.2 %	44-99	
			BS	ug/L	20.00	75.0 %	10-125	
			BSD	ug/L	20.00	75.0 %	10-125	
			BSRPD	ug/L	20.00	0.09%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	98.6 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	93.0 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
bis(2-Ethylhexyl)phthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	101 %	49-123	
			BS	ug/L	20.00	116 %	15-146	
			BSD	ug/L	20.00	101 %	15-146	
			BSRPD	ug/L	20.00	12.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	95.3 %	80-120	
Butylbenzylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	73.4 %	59-92	
			BS	ug/L	20.00	62.3 %	36-130	
			BSD	ug/L	20.00	57.4 %	36-130	
			BSRPD	ug/L	20.00	8.2%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	101 %	80-120	
Chloronaphthalene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	90.0 %	51-100	
			BS	ug/L	20.00	88.1 %	17-123	
			BSD	ug/L	20.00	80.6 %	17-123	
			BSRPD	ug/L	20.00	8.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	106 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	106 %	80-120	
Chlorophenylphenylether	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.8 %	63-114	
			BS	ug/L	20.00	91.6 %	21-128	
			BSD	ug/L	20.00	87.9 %	21-128	
			BSRPD	ug/L	20.00	4.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	104 %	80-120	
Chrysene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	109 %	22-130	
			BS	ug/L	20.00	111 %	22-119	
			BSD	ug/L	20.00	111 %	22-119	
			BSRPD	ug/L	20.00	0.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	116 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	112 %	80-120	
Dibenzo(a,h)anthracene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	128 %	9-150	
			BS	ug/L	20.00	131 %	11-141	
			BSD	ug/L	20.00	117 %	11-141	
			BSRPD	ug/L	20.00	10.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	123 %	80-120	360
	625	09/30/16:214342SBL	CCV	mg/L	20.00	142 %	80-120	360
Diethylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	66.7 %	33-76	
			BS	ug/L	20.00	13.3 %	25-128	436
			BSD	ug/L	20.00	10.6 %	25-128	436
			BSRPD	ug/L	20.00	0.54	≤1	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	112 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	111 %	80-120	
Dimethylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	38.3 %	21-63	
			BS	ug/L	20.00	5.3 %	25-124	436
			BSD	ug/L	20.00	3.2 %	25-124	436
			BSRPD	ug/L	20.00	0.42	≤1	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dimethylphthalate	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	109 %	80-120	
Di-n-butylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	92.8 %	18-127	
			BS	ug/L	20.00	60.3 %	34-130	
			BSD	ug/L	20.00	63.1 %	34-130	
			BSRPD	ug/L	20.00	4.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	118 %	80-120	
Di-n-octylphthalate	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.6 %	29-136	
			BS	ug/L	20.00	99.2 %	27-131	
			BSD	ug/L	20.00	92.2 %	27-131	
			BSRPD	ug/L	20.00	7.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	94.0 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	87.7 %	80-120	
Fluoranthene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	112 %	24-127	
			BS	ug/L	20.00	100 %	20-130	
			BSD	ug/L	20.00	111 %	20-130	
			BSRPD	ug/L	20.00	10.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	117 %	80-120	
Fluorene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	100 %	20-123	
			BS	ug/L	20.00	98.5 %	25-126	
			BSD	ug/L	20.00	95.4 %	25-126	
			BSRPD	ug/L	20.00	3.3%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	113 %	80-120	
Hexachlorobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.8 %	65-114	
			BS	ug/L	20.00	97.7 %	18-120	
			BSD	ug/L	20.00	92.6 %	18-120	
			BSRPD	ug/L	20.00	5.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	105 %	80-120	
Hexachlorobutadiene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	60.7 %	20-61	
			BS	ug/L	20.00	51.5 %	13-84	
			BSD	ug/L	20.00	49.1 %	13-84	
			BSRPD	ug/L	20.00	4.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	103 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	103 %	80-120	
Hexachlorocyclopentadiene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	14.9 %	0-46	
			BS	ug/L	20.00	13.4 %	0-64	
			BSD	ug/L	20.00	13.5 %	0-64	
			BSRPD	ug/L	20.00	0.032	≤1	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	90.9 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	102 %	80-120	
Hexachloroethane	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	64.7 %	14-52	310
			BS	ug/L	20.00	59.7 %	9-76	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Hexachloroethane	625	09/21/16:211391JOM	BSD	ug/L	20.00	55.5 %	9-76	
			BSRPD	ug/L	20.00	7.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	112 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	103 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	122 %	3-158	
			BS	ug/L	20.00	136 %	0-153	
			BSD	ug/L	20.00	122 %	0-153	
			BSRPD	ug/L	20.00	10.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	125 %	80-120	360
	625	09/30/16:214342SBL	CCV	mg/L	20.00	132 %	80-120	360
Isophorone	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.6 %	55-108	
			BS	ug/L	20.00	95.5 %	26-122	
			BSD	ug/L	20.00	91.7 %	26-122	
			BSRPD	ug/L	20.00	4.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	110 %	80-120	
Naphthalene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	91.3 %	7-117	
			BS	ug/L	20.00	88.9 %	24-103	
			BSD	ug/L	20.00	82.0 %	24-103	
			BSRPD	ug/L	20.00	8.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	113 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	117 %	80-120	
Nitrobenzene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.5 %	53-107	
			BS	ug/L	20.00	84.4 %	25-120	
			BSD	ug/L	20.00	80.4 %	25-120	
			BSRPD	ug/L	20.00	4.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	107 %	80-120	
Nitrobenzene-d5	625	09/21/16:211391JOM	Blank	ug/L	10.00	84.6 %	11-102	
			LCS	ug/L	10.00	80.5 %	11-102	
			BS	ug/L	10.00	77.2 %	11-102	
			BSD	ug/L	10.00	69.4 %	11-102	
			BSRPD	ug/L	20.00	10.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	10.00	109 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	10.00	112 %	80-120	
N-Nitrosodimethylamine	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	85.6 %	34-102	
			BS	ug/L	20.00	79.9 %	13-128	
			BSD	ug/L	20.00	76.8 %	13-128	
			BSRPD	ug/L	20.00	4.0%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	102 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	99.4 %	80-120	
N-Nitrosodi-N-propylamine	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	91.2 %	48-108	
			BS	ug/L	20.00	91.9 %	9-142	
			BSD	ug/L	20.00	88.6 %	9-142	
			BSRPD	ug/L	20.00	3.6%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	103 %	80-120	
N-Nitrosodiphenylamine	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
N-Nitrosodiphenylamine	625	09/21/16:211391JOM	LCS	ug/L	20.00	92.3 %	61-111	
			BS	ug/L	20.00	89.3 %	22-161	
			BSD	ug/L	20.00	86.1 %	22-161	
			BSRPD	ug/L	20.00	3.7%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	95.5 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	94.6 %	80-120	
p-Chloro-m-cresol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	103 %	68-111	
			BS	ug/L	20.00	103 %	25-139	
			BSD	ug/L	20.00	97.7 %	25-139	
			BSRPD	ug/L	20.00	5.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	110 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	114 %	80-120	
Pentachlorophenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	120 %	46-168	
			BS	ug/L	20.00	109 %	0-170	
			BSD	ug/L	20.00	119 %	0-170	
			BSRPD	ug/L	20.00	9.4%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	122 %	80-120	360
	625	09/30/16:214342SBL	CCV	mg/L	20.00	118 %	80-120	
Phenanthrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	19-125	
			BS	ug/L	20.00	99.2 %	25-126	
			BSD	ug/L	20.00	97.1 %	25-126	
			BSRPD	ug/L	20.00	2.1%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	109 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	111 %	80-120	
Phenol	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.3 %	49-104	
			BS	ug/L	20.00	92.5 %	23-124	
			BSD	ug/L	20.00	92.1 %	23-124	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	108 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	111 %	80-120	
Phenol-d6	625	09/21/16:211391JOM	Blank	ug/L	20.00	75.0 %	9-103	
			LCS	ug/L	20.00	85.8 %	9-103	
			BS	ug/L	20.00	78.4 %	9-103	
			BSD	ug/L	20.00	80.7 %	9-103	
			BSRPD	ug/L	20.00	2.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	114 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	105 %	80-120	
p-Terphenyl-d14	625	09/21/16:211391JOM	Blank	ug/L	10.00	87.4 %	25-123	
			LCS	ug/L	10.00	81.7 %	25-123	
			BS	ug/L	10.00	95.3 %	25-123	
			BSD	ug/L	10.00	86.4 %	25-123	
			BSRPD	ug/L	20.00	9.8%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	10.00	99.0 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	10.00	100 %	80-120	
Pyrene	625	09/21/16:211391JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.0 %	15-138	
			BS	ug/L	20.00	105 %	31-121	
			BSD	ug/L	20.00	92.9 %	31-121	
			BSRPD	ug/L	20.00	11.9%	≤30	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	99.6 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Pyrene	625	09/30/16:214342SBL	CCV	mg/L	20.00	98.9 %	80-120	
Pyridine	625	09/21/16:211391JOM	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	23.6 %	5-72	
			BS	ug/L	20.00	9.5 %	0-64	
			BSD	ug/L	20.00	9.1 %	0-64	
			BSRPD	ug/L	20.00	0.075	≤10	
	625	09/27/16:214043SBL	CCV	mg/L	20.00	105 %	80-120	
	625	09/30/16:214342SBL	CCV	mg/L	20.00	99.7 %	80-120	
2,4`-DDD	625P	10/01/16:214450SG	CCV	ug/L	100.0	108 %	70-130	
2,4`-DDE	625P	10/01/16:214450SG	CCV	ug/L	100.0	113 %	70-130	
2,4`-DDT	625P	10/01/16:214450SG	CCV	ug/L	100.0	90.4 %	70-130	
Aldrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	95.8 %	0-131	
			BS	ug/L	0.1000	282 %	4-108	436
			BSD	ug/L	0.1000	91.1 %	4-108	
			BSRPD	ug/L	0.1000	102%	≤25	410
	625P	10/01/16:214450SG	CCV	ug/L	100.0	99.6 %	70-130	
Alpha BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	85.4 %	9-125	
			BS	ug/L	0.1000	88.3 %	17-100	
			BSD	ug/L	0.1000	84.2 %	17-100	
			BSRPD	ug/L	0.1000	4.8%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	129 %	70-130	
alpha-Chlordane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	81.4 %	14-126	
			BS	ug/L	0.1000	99.6 %	0-135	
			BSD	ug/L	0.1000	91.4 %	0-135	
			BSRPD	ug/L	0.1000	8.6%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	121 %	70-130	
Beta BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	94.0 %	13-125	
			BS	ug/L	0.1000	74.0 %	16-123	
			BSD	ug/L	0.1000	83.9 %	16-123	
			BSRPD	ug/L	0.1000	12.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	101 %	70-130	
cis_Nonachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	88.4 %	10-138	
			BS	ug/L	0.1000	98.9 %	0-120	
			BSD	ug/L	0.1000	98.0 %	0-120	
			BSRPD	ug/L	0.1000	0.9%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	112 %	70-130	
Delta BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	87.5 %	0-122	
			BS	ug/L	0.1000	70.3 %	0-112	
			BSD	ug/L	0.1000	77.7 %	0-112	
			BSRPD	ug/L	0.1000	10%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	98.9 %	70-130	
Dieldrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	91.7 %	19-120	
			BS	ug/L	0.1000	82.8 %	0-121	
			BSD	ug/L	0.1000	98.4 %	0-121	
			BSRPD	ug/L	0.1000	17.2%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	114 %	70-130	
Endosulfan I	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	

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Organic								
Endosulfan I	625P	09/27/16:211614JOM	LCS	ug/L	0.1000	89.5 %	18-129	
			BS	ug/L	0.1000	84.1 %	0-154	
			BSD	ug/L	0.1000	84.4 %	0-154	
			BSRPD	ug/L	0.1000	0.4%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	103 %	70-130	
Endosulfan II	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	96.7 %	22-128	
			BS	ug/L	0.1000	94.7 %	0-149	
			BSD	ug/L	0.1000	106 %	0-149	
			BSRPD	ug/L	0.1000	11.7%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	103 %	70-130	
Endosulfan Sulfate	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.9 %	32-106	
			BS	ug/L	0.1000	76.1 %	4-140	
			BSD	ug/L	0.1000	87.9 %	4-140	
			BSRPD	ug/L	0.1000	14.4%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	91.7 %	70-130	
Endrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	86.3 %	0-130	
			BS	ug/L	0.1000	42.5 %	7-101	
			BSD	ug/L	0.1000	69.9 %	7-101	
			BSRPD	ug/L	0.1000	48.8%	≤25	410
	625P	10/01/16:214450SG	CCV	ug/L	100.0	87.5 %	70-130	
Endrin Aldehyde	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	122 %	16-135	
			BS	ug/L	0.1000	100 %	0-148	
			BSD	ug/L	0.1000	99.6 %	0-148	
			BSRPD	ug/L	0.1000	0.4%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	117 %	70-130	
Endrin Ketone	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	69.4 %	25-121	
			BS	ug/L	0.1000	83.0 %	21-111	
			BSD	ug/L	0.1000	83.9 %	21-111	
			BSRPD	ug/L	0.1000	1.1%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	121 %	70-130	
gamma-Chlordane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	94.7 %	20-123	
			BS	ug/L	0.1000	103 %	1-116	
			BSD	ug/L	0.1000	104 %	1-116	
			BSRPD	ug/L	0.1000	0.6%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	130 %	70-130	
Heptachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	86.6 %	19-119	
			BS	ug/L	0.1000	70.2 %	13-100	
			BSD	ug/L	0.1000	73.1 %	13-100	
			BSRPD	ug/L	0.1000	4.0%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	114 %	70-130	
Heptachlor Epoxide	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	93.4 %	18-131	
			BS	ug/L	0.1000	111 %	0-127	
			BSD	ug/L	0.1000	98.9 %	0-127	
			BSRPD	ug/L	0.1000	11.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	122 %	70-130	
Lindane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	

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Organic								
Lindane	625P	09/27/16:211614JOM	LCS	ug/L	0.1000	106 %	22-181	
			BS	ug/L	0.1000	95.0 %	0-234	
			BSD	ug/L	0.1000	104 %	0-234	
			BSRPD	ug/L	0.1000	8.6%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	119 %	70-130	
Methoxychlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	91.5 %	26-113	
			BS	ug/L	0.1000	87.4 %	2-107	
			BSD	ug/L	0.1000	94.3 %	2-107	
			BSRPD	ug/L	0.1000	7.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	88.6 %	70-130	
o,p - DDD	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	88.9 %	15-136	
			BS	ug/L	0.1000	94.3 %	12-118	
			BSD	ug/L	0.1000	99.1 %	12-118	
			BSRPD	ug/L	0.1000	5.0%	≤25	
o,p - DDE	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	90.1 %	23-124	
			BS	ug/L	0.1000	82.5 %	0-108	
			BSD	ug/L	0.1000	85.8 %	0-108	
			BSRPD	ug/L	0.1000	4.0%	≤25	
o,p - DDT	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	74.2 %	27-131	
			BS	ug/L	0.1000	78.3 %	0-124	
			BSD	ug/L	0.1000	73.9 %	0-124	
			BSRPD	ug/L	0.1000	5.8%	≤25	
p,p - DDD	625P	10/01/16:214450SG	CCV	ug/L	100.0	93.8 %	70-130	
p,p - DDE	625P	10/01/16:214450SG	CCV	ug/L	100.0	86.8 %	70-130	
p,p - DDT	625P	10/01/16:214450SG	CCV	ug/L	100.0	105 %	70-130	
p,p`-DDD	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	105 %	0-177	
			BS	ug/L	0.1000	80.8 %	17-107	
			BSD	ug/L	0.1000	85.1 %	17-107	
			BSRPD	ug/L	0.1000	5.2%	≤25	
p,p`-DDE	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	72.5 %	23-126	
			BS	ug/L	0.1000	76.4 %	2-107	
			BSD	ug/L	0.1000	77.1 %	2-107	
			BSRPD	ug/L	0.1000	0.9%	≤25	
p,p`-DDT	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	78.9 %	32-108	
			BS	ug/L	0.1000	89.9 %	0-128	
			BSD	ug/L	0.1000	90.0 %	0-128	
			BSRPD	ug/L	0.1000	0.2%	≤25	
Tetrachloro-m-xylene	625P	09/27/16:211614JOM	Blank	ug/L	0.1000	63.5 %	26-90	
			LCS	ug/L	0.1000	66.5 %	26-90	
			BS	ug/L	0.1000	62.5 %	26-90	
			BSD	ug/L	0.1000	65.9 %	26-90	
			BSRPD	ug/L	0.1000	5.3%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	104 %	70-130	
trans-Nonachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	95.0 %	9-139	
			BS	ug/L	0.1000	82.5 %	0-120	
			BSD	ug/L	0.1000	102 %	0-120	

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Quality Control - Organic

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Organic								
trans-Nonachlor	625P	09/27/16:211614JOM	BSRPD	ug/L	0.1000	21.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	120 %	70-130	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration 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.
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

310	: LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
320	: LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
360	: CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
410	: Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
436	: Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Boron	200.7		MS	mg/L	4.000	98.8 %	75-125	
		(CH 1678278-001)	MSD	mg/L	4.000	101 %	75-125	
			MSRPD	mg/L	4000	2.2%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	5.000	98.0 %	90-110	
			CCB	ppm		0.062	0.1	
			CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.064	0.1	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<0.10	
			LCS	mg/L	4.000	93.3 %	85-115	
			MS	mg/L	4.000	93.1 %	75-125	
		(SP 1611294-005)	MSD	mg/L	4.000	92.0 %	75-125	
			MSRPD	mg/L	0.8000	0.9%	≤20.0	
	200.7	10/04/16:214498AC	CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.059	0.1	
			CCV	ppm	5.000	101 %	90-110	
			CCB	ppm		0.052	0.1	
Calcium	200.7		MS	mg/L	12.00	97.8 %	75-125	
		(CH 1678278-001)	MSD	mg/L	12.00	98.6 %	75-125	
			MSRPD	mg/L	4000	0.5%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	99.2 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	98.3 %	90-110	
			CCB	ppm		0.02	1	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	94.0 %	85-115	
			MS	mg/L	12.00	93.3 %	75-125	
		(SP 1611294-005)	MSD	mg/L	12.00	69.4 %	<¼	
			MSRPD	mg/L	0.8000	1.9%	≤20.0	
	200.7	10/04/16:214498AC	CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		0.005	1	
			CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		0.003	1	
Copper	200.7		MS	ug/L	800.0	101 %	75-125	
		(CH 1678278-001)	MSD	ug/L	800.0	102 %	75-125	
			MSRPD	ug/L	4000	0.7%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	1.000	98.2 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		0.0001	0.01	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	96.0 %	85-115	
			MS	mg/L	0.8000	96.7 %	75-125	
		(SP 1611294-005)	MSD	mg/L	0.8000	95.1 %	75-125	
			MSRPD	mg/L	0.8000	1.7%	≤20.0	
	200.7	10/04/16:214498AC	CCV	ppm	1.000	104 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	103 %	90-110	
			CCB	ppm		-0.0004	0.01	
Iron	200.7		MS	ug/L	4000	90.0 %	75-125	
		(CH 1678278-001)	MSD	ug/L	4000	98.1 %	75-125	
			MSRPD	ug/L	4000	7.7%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	5.000	99.5 %	90-110	
			CCB	ppm		0.0081	0.03	
			CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.0092	0.03	

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Quality Control - Inorganic

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Metals								
Iron	200.7	10/04/16:211949amb	Blank	mg/L		ND	<0.03	
			LCS	mg/L	4.000	96.0 %	85-115	
			MS	mg/L	4.000	95.0 %	75-125	
		(SP 1611294-005)	MSD	mg/L	4.000	92.7 %	75-125	
			MSRPD	mg/L	0.8000	2.4%	≤20	
	200.7	10/04/16:214498AC	CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.0083	0.03	
			CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.0085	0.03	
Magnesium	200.7		MS	mg/L	12.00	98.8 %	75-125	
		(CH 1678278-001)	MSD	mg/L	12.00	99.4 %	75-125	
			MSRPD	mg/L	4000	0.4%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	98.1 %	90-110	
			CCB	ppm		0.008	1	
			CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.005	1	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	92.8 %	85-115	
			MS	mg/L	12.00	81.4 %	75-125	
		(SP 1611294-005)	MSD	mg/L	12.00	65.6 %	<¼	
			MSRPD	mg/L	0.8000	2.1%	≤20	
	200.7	10/04/16:214498AC	CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		-0.002	1	
			CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		-0.002	1	
Manganese	200.7		MS	ug/L	800.0	103 %	75-125	
		(CH 1678278-001)	MSD	ug/L	800.0	105 %	75-125	
			MSRPD	ug/L	4000	1.0%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0002	0.01	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	100 %	85-115	
			MS	mg/L	0.8000	98.1 %	75-125	
		(SP 1611294-005)	MSD	mg/L	0.8000	96.4 %	75-125	
			MSRPD	mg/L	0.8000	1.8%	≤20.0	
	200.7	10/04/16:214498AC	CCV	ppm	1.000	107 %	90-110	
			CCB	ppm		0.00003	0.01	
			CCV	ppm	1.000	107 %	90-110	
			CCB	ppm		0.00003	0.01	
Potassium	200.7		MS	mg/L	12.00	96.7 %	75-125	
		(CH 1678278-001)	MSD	mg/L	12.00	97.9 %	75-125	
			MSRPD	mg/L	4000	1.2%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	95.3 %	90-110	
			CCB	ppm		0.04	1	
			CCV	ppm	25.00	98.8 %	90-110	
			CCB	ppm		-0.14	1	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	93.4 %	85-115	
			MS	mg/L	12.00	123 %	75-125	
		(CH 1678085-004)	MSD	mg/L	12.00	106 %	75-125	
			MSRPD	mg/L	0.8000	12.6%	≤20.0	
			Blank	mg/L		ND	<1	

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Metals								
Potassium	200.7	10/04/16:211949amb	LCS	mg/L	12.00	92.2 %	85-115	
			MS	mg/L	12.00	102 %	75-125	
		(SP 1611294-005)	MSD	mg/L	12.00	99.9 %	75-125	
			MSRPD	mg/L	0.8000	1.9%	≤20.0	
	200.7	10/04/16:214498AC	CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		-0.05	1	
			CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		-0.05	1	
			CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		-0.05	1	
Sodium	200.7	10/04/16:211949amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	93.2 %	85-115	
			MS	mg/L	12.00	-471 %	<¼	
		(CH 1678085-004)	MSD	mg/L	12.00	-409 %	<¼	
			MSRPD	mg/L	0.8000	2.0%	≤20.0	
			Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	93.2 %	85-115	
			MS	mg/L	12.00	120 %	75-125	
		(SP 1611294-005)	MSD	mg/L	12.00	86.7 %	75-125	
			MSRPD	mg/L	0.8000	2.3%	≤20.0	
	200.7	10/04/16:214498AC	CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		0.10	1	
			CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		0.21	1	
	200.7	10/06/16:214618AC	CCV	ppm	25.00	97.6 %	90-110	
			CCB	ppm		0.24	1	
			CCV	ppm	25.00	98.9 %	90-110	
			CCB	ppm		0.19	1	
			CCV	ppm	25.00	98.7 %	90-110	
			CCB	ppm		0.15	1	
Zinc	200.7		MS	ug/L	800.0	104 %	75-125	
		(CH 1678278-001)	MSD	ug/L	800.0	106 %	75-125	
			MSRPD	ug/L	4000	1.1%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		-0.0005	0.02	
			CCV	ppm	1.000	98.9 %	90-110	
			CCB	ppm		-0.0004	0.02	
	200.7	10/04/16:211949amb	Blank	mg/L		ND	<0.02	
			LCS	mg/L	0.8000	95.6 %	85-115	
			MS	mg/L	0.8000	91.6 %	75-125	
		(SP 1611294-005)	MSD	mg/L	0.8000	89.6 %	75-125	
			MSRPD	mg/L	0.8000	2.2%	≤20	
	200.7	10/04/16:214498AC	CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		-0.0003	0.02	
			CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		-0.0001	0.02	
Aluminum	200.8	10/04/16:214508AC	ICV	ppb	120.0	94.8 %	90-110	
			ICB	ppb		0.2	10	
			CCV	ppb	120.0	98.0 %	90-110	
			CCB	ppb		0.4	10	
			CCV	ppb	120.0	98.9 %	90-110	
			CCB	ppb		-0.04	10	
	200.8	10/05/16:214575AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.4	10	

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Metals								
Aluminum	200.8	10/05/16:214575AC	CCV	ppb	120.0	98.5 %	90-110	
			CCB	ppb		0.2	10	
Antimony	200.8	10/04/16:214508AC	ICV	ppb	120.0	95.6 %	90-110	
			ICB	ppb		0.08	1	
			CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		0.33	1	
			CCV	ppb	120.0	97.5 %	90-110	
			CCB	ppb		0.10	1	
Arsenic	200.8	10/04/16:214508AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.02	2	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.15	2	
			CCV	ppb	120.0	107 %	90-110	
			CCB	ppb		0.07	2	
Barium	200.8	10/04/16:214508AC	ICV	ppb	120.0	104 %	90-110	
			ICB	ppb		0.12	1	
			CCV	ppb	120.0	107 %	90-110	
			CCB	ppb		0.19	1	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.07	1	
Beryllium	200.8	10/04/16:214508AC	ICV	ppb	120.0	91.2 %	90-110	
			ICB	ppb		0.029	0.2	
			CCV	ppb	120.0	95.1 %	90-110	
			CCB	ppb		0.069	0.2	
			CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		0.003	0.2	
Cadmium	200.8	10/04/16:214508AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.051	0.2	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.107	0.2	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.043	0.2	
Chromium	200.8	10/04/16:214508AC	ICV	ppb	120.0	98.3 %	90-110	
			ICB	ppb		0.09	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.21	1	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.15	1	
Copper	200.8	10/04/16:214508AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.068	0.5	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		-0.028	0.5	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		-0.077	0.5	
Lead	200.8	10/04/16:214508AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.041	0.5	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.090	0.5	
			CCV	ppb	120.0	105 %	90-110	
			CCB	ppb		0.031	0.5	
Nickel	200.8	10/04/16:214508AC	ICV	ppb	120.0	99.4 %	90-110	
			ICB	ppb		0.03	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.07	1	

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Metals								
Nickel	200.8	10/04/16:214508AC	CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		-0.02	1	
Selenium	200.8	10/04/16:214508AC	ICV	ppb	120.0	102 %	90-110	
			ICB	ppb		-0.07	1	
			CCV	ppb	120.0	110 %	90-110	
			CCB	ppb		0.26	1	
	200.8	10/05/16:214575AC	ICV	ppb	120.0	102 %	90-110	
			ICB	ppb		0.09	1	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		-0.15	1	
Silver	200.8	10/04/16:214508AC	ICV	ppb	120.0	99.9 %	90-110	
			ICB	ppb		0.0270	0.25	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.0970	0.25	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.0320	0.25	
Thallium	200.8	10/04/16:214508AC	ICV	ppb	120.0	98.2 %	90-110	
			ICB	ppb		0.054	0.2	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.114	0.2	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.051	0.2	
Mercury	245.1	10/04/16:211963ac	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	104 %	85-115	
			MS	ug/L	0.2000	92.9 %	75-125	
		(SP 1611656-001)	MSD	ug/L	0.2000	90.1 %	75-125	
			MSRPD	ug/L	0.2000	2.6%	≤20	
	245.1	10/05/16:214518AC	CCV	ppt	200.0	101 %	90-110	
			CCB	ppt		-7.2	20	
			CCV	ppt	200.0	102 %	90-110	
			CCB	ppt		-7.5	20	
Aluminum	3010	10/04/16:211956amb	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	111 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	98.9 %	75-125	
			MSRPD	ug/L	40.00	9.3%	≤20.0	
			PDS	ug/L	40.00	122 %	75-125	
Antimony	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	106 %	75-125	
			MSRPD	ug/L	40.00	0.2%	≤20.0	
			PDS	ug/L	40.00	113 %	75-125	
Arsenic	3010	10/04/16:211956amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	100 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	3.4%	≤20	
			PDS	ug/L	40.00	108 %	75-125	
Barium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	111 %	85-115	
			MS	ug/L	40.00	118 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	135 %	75-125	435
			MSRPD	ug/L	40.00	7.0%	≤20.0	

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Metals								
Barium	3010	10/04/16:211956amb	PDS	ug/L	40.00	136 %	75-125	430
Beryllium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	91.2 %	85-115	
			MS	ug/L	40.00	91.4 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	88.6 %	75-125	
			MSRPD	ug/L	40.00	3.1%	≤20.0	
			PDS	ug/L	40.00	93.6 %	75-125	
Cadmium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	107 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	107 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20	
			PDS	ug/L	40.00	113 %	75-125	
Chromium	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	102 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	99.1 %	75-125	
			MSRPD	ug/L	40.00	3.1%	≤20	
			PDS	ug/L	40.00	106 %	75-125	
Copper	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	101 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	97.0 %	75-125	
			MSRPD	ug/L	40.00	3.8%	≤20.0	
			PDS	ug/L	40.00	103 %	75-125	
Lead	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	107 %	85-115	
			MS	ug/L	40.00	108 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	108 %	75-125	
			MSRPD	ug/L	40.00	0.6%	≤20.0	
			PDS	ug/L	40.00	115 %	75-125	
Nickel	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	101 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	101 %	75-125	
			MSRPD	ug/L	40.00	0.7%	≤20	
			PDS	ug/L	40.00	105 %	75-125	
Selenium	3010	10/04/16:211956amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	96.9 %	80-120	
			MS	ug/L	40.00	103 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20	
			PDS	ug/L	40.00	106 %	75-125	
Silver	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.25	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	103 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	1.4%	≤20.0	
			PDS	ug/L	40.00	109 %	75-125	
Thallium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	105 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20.0	

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Metals								
Thallium	3010	10/04/16:211956amb	PDS	ug/L	40.00	113 %	75-125	
Wet Chem								
Oil and Grease	1664A	10/06/16:212024AMM	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	82.9 %	78-114	
			BS	mg/L	44.89	78.7 %	78-114	
			BSD	mg/L	44.89	83.9 %	78-114	
			BSRPD	mg/L	44.89	6.4%	≤18	
Color	2120B	(SP 1611199-002)	Dup	units		0.0%	20	
	2120B	09/22/16:214266JMG	CCB	units		0.00	5.0	
			CCV	units	10.00	100 %	90-110	
Turbidity	2130B	(SP 1611199-002)	Dup	NTU		2.5%	20	
	2130B	09/23/16:213889JBA	CCV	NTU	10.00	105 %	90-110	
			CCB	NTU		0.092	0.1	
			CCV	NTU	10.00	105 %	90-110	
			CCB	NTU		0.085	0.1	
Odor	2150B	(SP 1611199-002)	Dup	TON		0.0	1	
Chromium VI	218.6	09/23/16:211616mca	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.000	98.3 %	90-110	
			MS	ug/L	2.000	97.2 %	75-125	
		(SP 1611129-001)	MSD	ug/L	2.000	92.2 %	75-125	
			MSRPD	ug/L	2.000	5.1%	≤20	
			MS	ug/L	2.000	97.2 %	75-125	
		(SP 1611142-001)	MSD	ug/L	2.000	100 %	75-125	
			MSRPD	ug/L	2.000	2.4%	≤20	
	218.6	09/23/16:214002MCA	CCB	ppb		0.000	0.1	
			CCV	ppb	5.000	101 %	95-105	
			CCB	ppb		0.000	0.1	
			CCV	ppb	5.000	101 %	95-105	
	218.6	09/30/16:211954MCA	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.000	104 %	90-110	
			MS	ug/L	2.000	107 %	75-125	
		(CC 1683416-001)	MSD	ug/L	2.000	66.0 %	<¼	
			MSRPD	ug/L	2.000	4.6%	≤20	
	218.6	09/30/16:214421MCA	ICB	ppb		0.000	0.1	
			ICV	ppb	5.000	96.5 %	95-105	
			CCB	ppb		0.063	0.1	
			CCV	ppb	5.000	102 %	95-105	
Alkalinity (as CaCO3)	2320B	(CH 1678271-001)	Dup	mg/L		9.8%	10	
		(CC 1683299-001)	Dup	mg/L		18.3%	10	440
	2320B	09/23/16:213890AMB	CCV	mg/L	234.9	95.0 %	90-110	
			CCV	mg/L	234.9	93.0 %	90-110	
			CCV	mg/L	234.9	97.7 %	90-110	
Bicarbonate	2320B	(CH 1678271-001)	Dup	mg/L		9.9%	10	
		(CC 1683299-001)	Dup	mg/L		18.3%	10	440
Carbonate	2320B	(CH 1678271-001)	Dup	mg/L		0.0	10	
		(CC 1683299-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(CH 1678271-001)	Dup	mg/L		0.0	10	
		(CC 1683299-001)	Dup	mg/L		0.0	10	
Conductivity	2510B	09/22/16:213788JMG	ICB	umhos/cm		0.07	1	
			CCV	umhos/cm	1000	101 %	95-105	
			CCV	umhos/cm	1000	100 %	95-105	
	2510B	09/27/16:213985JMG	ICB	umhos/cm		0.07	1	
			ICV	umhos/cm	1000	101 %	95-105	
			CCV	umhos/cm	1000	101 %	95-105	

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Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
E. C.	2510B	09/22/16:211426jmg	Blank	umhos/cm		ND	<1	
		(CH 1678260-002)	Dup	umhos/cm		0.2%	5	
	2510B	09/27/16:211590jmg	Blank	umhos/cm		ND	<1	
		(CC 1683347-001)	Dup	umhos/cm		0.07%	5	
Total Dissolved Solids (TFR)	2540CE	09/22/16:211444CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	996.9	103 %	90-110	
		(STK1651879-001)	Dup	mg/L		0.6%	5	
Solids, Suspended	2540D	09/26/16:211562JBA	Blank	mg/L		ND	<1	
			LCS	mg/L	50.10	80.8 %	38-138	
			LCS	mg/L	50.10	77.8 %	38-138	
		(SP 1611229-001)	Dup	mg/L		2.0%	28.7	
Chloride	300.0		MS	mg/L	50.00	96.5 %	85-121	
		(VI 1643927-006)	MSD	mg/L	50.00	96.9 %	85-121	
			MSRPD	mg/L	10.00	0.4%	≤19	
			Blank	mg/L		ND	<1	
			LCS	mg/L	25.00	105 %	90-110	
			MS	mg/L	50.00	96.8 %	85-121	
		(VI 1643927-005)	MSD	mg/L	50.00	97.3 %	85-121	
			MSRPD	mg/L	10.00	0.5%	≤19	
	300.0	09/22/16:214007MCA	ICB	mg/L		0.00	1	
			ICV	mg/L	25.00	106 %	90-110	
			CCB	mg/L		0.04	1	
			CCV	mg/L	25.00	106 %	90-110	
Fluoride	300.0		MS	mg/L	5.000	94.3 %	87-120	
		(VI 1643927-006)	MSD	mg/L	5.000	94.5 %	87-120	
			MSRPD	mg/L	10.00	0.3%	≤16	
			Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	107 %	90-110	
			MS	mg/L	5.000	94.0 %	87-120	
		(VI 1643927-005)	MSD	mg/L	5.000	94.3 %	87-120	
			MSRPD	mg/L	10.00	0.3%	≤16	
	300.0	09/22/16:214007MCA	ICB	mg/L		0.000	0.1	
			ICV	mg/L	2.500	106 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.500	107 %	90-110	
Nitrate	300.0		MS	mg/L	40.00	93.7 %	85-119	
		(VI 1643927-006)	MSD	mg/L	40.00	94.0 %	85-119	
			MSRPD	mg/L	10.00	0.3%	≤19	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	20.00	105 %	90-110	
			MS	mg/L	40.00	94.0 %	85-119	
		(VI 1643927-005)	MSD	mg/L	40.00	94.4 %	85-119	
			MSRPD	mg/L	10.00	0.4%	≤19	
	300.0	09/22/16:214007MCA	ICB	mg/L		0.000	0.5	
			ICV	mg/L	20.00	106 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	20.00	106 %	90-110	
Nitrite	300.0		MS	mg/L	30.00	95.6 %	74-126	
		(VI 1643927-006)	MSD	mg/L	30.00	96.1 %	74-126	
			MSRPD	mg/L	10.00	0.5%	≤20	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	15.00	107 %	90-110	
			MS	mg/L	30.00	95.3 %	74-126	
		(VI 1643927-005)	MSD	mg/L	30.00	96.0 %	74-126	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrite	300.0	09/22/16:211443MCA	MSRPD	mg/L	10.00	0.7%	≤20	
	300.0	09/22/16:214007MCA	ICB	mg/L		0.000	0.5	
			ICV	mg/L	15.00	106 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	15.00	106 %	90-110	
Sulfate	300.0		MS	mg/L	100.0	96.4 %	82-124	
		(VI 1643927-006)	MSD	mg/L	100.0	96.6 %	82-124	
			MSRPD	mg/L	10.00	0.2%	≤23	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	50.00	106 %	90-110	
			MS	mg/L	100.0	95.9 %	82-124	
		(VI 1643927-005)	MSD	mg/L	100.0	96.4 %	82-124	
			MSRPD	mg/L	10.00	0.5%	≤23	
	300.0	09/22/16:214007MCA	ICB	mg/L		0.076	0.5	
			ICV	mg/L	50.00	107 %	90-110	
			CCB	mg/L		0.082	0.5	
			CCV	mg/L	50.00	107 %	90-110	
Perchlorate	314.0	09/23/16:211486SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	87.8 %	85-115	
			MS	ug/L	25.00	88.2 %	80-120	
		(SP 1610959-001)	MSD	ug/L	25.00	88.2 %	80-120	
			MSRPD	ug/L	25.00	0.02%	≤15	
			Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	105 %	85-115	
			MS	ug/L	25.00	96.0 %	80-120	
		(SP 1611199-002)	MSD	ug/L	25.00	109 %	80-120	
			MSRPD	ug/L	25.00	12.7%	≤15	
	314.0	09/24/16:213927SBL	CCB	ppb		0.00	1.0	
			CCV	ppb	10.00	91.4 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	10.00	107 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	10.00	92.6 %	85-115	
Nitrogen, Total Kjeldahl	351.2	09/24/16:211513jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	79.9 %	73-124	
			MS	mg/L	12.00	57.3 %	54-136	
		(CC 1683076-001)	MSD	mg/L	12.00	53.8 %	54-136	
			MSRPD	mg/L	12.00	6.3%	≤27	
	351.2	09/26/16:211529jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	74.0 %	73-124	
			MS	mg/L	12.00	72.4 %	54-136	
		(CH 1678082-005)	MSD	mg/L	12.00	69.2 %	54-136	
			MSRPD	mg/L	12.00	4.5%	≤27	
	351.2	09/28/16:211661jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	98.6 %	73-124	
			MS	mg/L	12.00	96.9 %	54-136	
		(CC 1683310-001)	MSD	mg/L	12.00	88.3 %	54-136	
			MSRPD	mg/L	12.00	9.2%	≤27	
	351.2	09/28/16:211664jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	94.4 %	73-124	
			MS	mg/L	12.00	90.1 %	54-136	
		(CC 1683310-003)	MSD	mg/L	12.00	86.9 %	54-136	
			MSRPD	mg/L	12.00	3.4%	≤27	
	351.2	10/13/16:212356jmg	Blank	mg/L		ND	<0.5	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	10/13/16:212356jmg	LCS	mg/L	12.00	101 %	73-124	
			LCS	mg/L	12.00	93.8 %	73-124	
			MS	mg/L	12.00	9.6 %	54-136	435
		(SP 1611618-002)	MSD	mg/L	12.00	33.5 %	54-136	435
			MSRPD	mg/L	12.00	111%	≤27	435
		(SP 1611618-002)	Dup	mg/L		0.0	0.5	
Chlorine	4500ClG	09/22/16:213837SJN	CCV	mg/L	1.012	96.7 %	90-110	
			CCB	mg/L		-0.014	0.1	
			CCV	mg/L	1.012	96.3 %	90-110	
			CCB	mg/L		-0.014	0.1	
Chlorine, Residual	4500ClG	(SP 1611199-002)	Dup	mg/L		0.0081	0.1	
Cyanide	4500CNCE	10/02/16:214313AMM	CCV	mg/L	0.1000	99.5 %	90-110	
			CCB	mg/L		0.00008	0.004	
			CCV	mg/L	0.1000	97.9 %	90-110	
			CCB	mg/L		0.00008	0.004	
Cyanide, Total	4500CNCE	10/01/16:211863AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	97.9 %	90-110	
			LCS	mg/L	0.4000	96.7 %	90-110	
			MS	mg/L	0.05000	91.8 %	26-226	
		(SP 1611120-001)	MSD	mg/L	0.05000	95.6 %	26-226	
			MSRPD	mg/L	0.05000	4.1%	≤36	
pH	4500-H B	(VI 1643886-001)	Dup	units		0.6%	4.80	
	4500-H B	(VI 1644040-003)	Dup	units		0.2%	4.80	
	4500HB	09/23/16:213872JMG	CCV	units	8.000	99.8 %	95-105	
			CCV	units	8.000	99.6 %	95-105	
	4500HB	09/26/16:213951JMG	CCV	units	8.000	99.5 %	95-105	
			CCV	units	8.000	100 %	95-105	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	87.4 %	70-130	
		(STK1651881-001)	MSD	mg/L	2.000	93.6 %	70-130	
			MSRPD	mg/L	2.000	7.0%	≤20	
	4500NH3G	09/27/16:213992AMB	CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	103 %	90-110	
			CCB	mg/L		-0.168	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	109 %	90-110	
	4500NH3G		MS	mg/L	2.000	117 %	70-130	
		(SP 1611479-003)	MSD	mg/L	2.000	117 %	70-130	
			MSRPD	mg/L	2.000	0.6%	≤20	
	4500NH3G	09/30/16:214218AMB	CCB	mg/L		-0.084	0.2	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		-0.065	0.2	
			CCV	mg/L	2.000	110 %	90-110	
	4500NH3G		MS	mg/L	2.000	108 %	70-130	
		(SP 1612155-001)	MSD	mg/L	2.000	104 %	70-130	
			MSRPD	mg/L	2.000	3.2%	≤20	
	4500NH3G	10/13/16:214955AMB	CCB	mg/L		-0.041	0.2	
			CCV	mg/L	2.000	103 %	90-110	
			CCB	mg/L		-0.011	0.2	
			CCV	mg/L	2.000	103 %	90-110	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Ammonia Nitrogen	4500NH3G	10/13/16:214955AMB	CCB	mg/L		-0.021	0.2	
			CCV	mg/L	2.000	102 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.270	93.5 %	50-150	
		(SP 1611234-001)	MSD	mg/L	1.270	95.6 %	50-150	
			MSRPD	mg/L	1.270	2.2%	≤30	
			MS	mg/L	1.270	94.5 %	50-150	
		(STK1651904-001)	MSD	mg/L	1.270	95.5 %	50-150	
			MSRPD	mg/L	1.270	1.1%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	10.00	104 %	5-285	
		(SP 1611234-001)	MSD	mg/L	10.00	108 %	5-285	
			MSRPD	mg/L	10.00	3.6%	≤30.4	
			MS	mg/L	10.00	110 %	5-285	
		(STK1651904-001)	MSD	mg/L	10.00	114 %	5-285	
			MSRPD	mg/L	10.00	2.4%	≤30.4	
	4500NO3F	09/22/16:213832JDD	CCB	mg/L		0.075	0.1	
			CCV	mg/L	11.27	95.8 %	90-110	
			CCB	mg/L		0.097	0.1	
			CCV	mg/L	11.27	96.2 %	90-110	
			CCB	mg/L		0.097	0.1	
			CCV	mg/L	11.27	96.9 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	11.27	96.5 %	90-110	
Nitrite as Nitrogen	4500NO3F	09/22/16:213830JDD	CCB	mg/L		0.00300	0.012	
			CCV	mg/L	1.270	94.2 %	90-110	
			CCB	mg/L		0.00600	0.012	
			CCV	mg/L	1.270	95.0 %	90-110	
			CCB	mg/L		0.00900	0.012	
			CCV	mg/L	1.270	94.5 %	90-110	
			CCB	mg/L		0.00600	0.012	
			CCV	mg/L	1.270	95.4 %	90-110	
Phosphorus	4500-P B	09/29/16:211772sjn	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	101 %	90-116	
			MS	mg/L	0.2500	-1090 %	<¼	
		(CC 1683197-001)	MSD	mg/L	0.2500	-1100 %	<¼	
			MSRPD	mg/L	0.2500	0.5%	≤13.2	
Total Phosphorus	4500PE	09/30/16:214191SJN	CCB	mg/L		-0.005	0.1	
			CCV	mg/L	0.5000	99.4 %	90-110	
			CCB	mg/L		-0.014	0.1	
			CCV	mg/L	0.5000	95.0 %	90-110	
BOD	5210B	09/22/16:211424KMM	RgBlk	mg/L		0.12	2	
			LCS	mg/L	198.0	0.0 %	84.6-115	325
		(SP 1611227-001)	Dup	mg/L		4.9%	15.9	
		(SP 1611227-001)	Dup	mg/L		2.3%	15.9	
	5210B	09/27/16:214203AMM	CCV	mg/L	1.000	94.0 %	80-120	
			CCV	mg/L	1.000	93.0 %	80-120	
MBAS	5540C	09/21/16:213798jba	CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	101 %	90-110	
			CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	105 %	90-110	
	5540C	09/23/16:213888JBA	CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	99.9 %	90-110	
			CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	99.9 %	90-110	
MBAS Extraction	5540C	09/21/16:211431jba	Blank	mg/L		ND	<0.1	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
MBAS Extraction	5540C	09/21/16:211431jba	LCS	mg/L	0.5000	106 %	86-114	
			BS	mg/L	0.5000	102 %	86-114	
			BSD	mg/L	0.5000	102 %	86-114	
			BSRPD	mg/L	0.5000	0.0%	≤5	
	5540C	09/23/16:211523jba	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	102 %	86-114	
			BS	mg/L	0.5000	102 %	86-114	
			BSD	mg/L	0.5000	102 %	86-114	
			BSRPD	mg/L	0.5000	0.0	≤0.1	
Nitrogen, Total Kjeldahl	EPA351.2	09/26/16:211902AMB	CCB	mg/L		-0.167	0.5	
			CCV	mg/L	5.000	99.4 %	90-110	
			CCB	mg/L		-0.185	0.5	
			CCV	mg/L	5.000	101 %	90-110	
			CCB	mg/L		-0.021	0.5	
			CCV	mg/L	5.000	95.9 %	90-110	
	EPA351.2	09/27/16:213984AMB	CCB	mg/L		-0.352	0.5	
			CCV	mg/L	5.000	96.6 %	90-110	
			CCB	mg/L		-0.382	0.5	
			CCV	mg/L	5.000	106 %	90-110	
	EPA351.2	09/29/16:214141AMB	CCB	mg/L		0.261	0.5	
			CCV	mg/L	5.000	95.1 %	90-110	
			CCB	mg/L		-0.180	0.5	
			CCV	mg/L	5.000	95.4 %	90-110	
			CCB	mg/L		-0.139	0.5	
			CCV	mg/L	5.000	96.6 %	90-110	
			CCB	mg/L		-0.142	0.5	
			CCV	mg/L	5.000	90.4 %	90-110	
	EPA351.2	10/14/16:215021AMB	CCB	mg/L		-0.220	0.5	
			CCV	mg/L	5.000	102 %	90-110	
			CCB	mg/L		-0.257	0.5	
			CCV	mg/L	5.000	95.9 %	90-110	

Definition

PDS	: PDS failed, matrix - Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
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.
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.
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.
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.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.

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Quality Control - Inorganic

Definition	
ND	: Non-detect - Result was below the DQO listed for the analyte.
<¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
325	: The LCS was out of acceptance limits. Results may be biased low.
430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	10/05/16:214474caa	CCV	cpm	8568	42.5 %	39 - 47	
			CCB	cpm		0.100	0.16	
Beta	900.0	10/04/16:214439caa	CCV	cpm	8954	98.9 %	89 - 108	
			CCB	cpm		0.4800	0.55	
	900.0	10/04/16:214440caa	CCV	cpm	8569	103 %	93 - 113	
			CCB	cpm		0.4000	0.49	
Gross Alpha	900.0	09/30/16:211777ELC	Blank	pCi/L		0.31	3	
			LCS	pCi/L	107.4	119 %	75-125	
			MS	pCi/L	107.4	128 %	60-140	
		(SP 1611118-001)	MSD	pCi/L	107.4	122 %	60-140	
			MSRPD	pCi/L	107.4	4.7%	≤30	
Gross Beta	900.0	09/30/16:211777ELC	Blank	pCi/L		0.04	4	
			LCS	pCi/L	74.26	83.1 %	75-125	
			MS	pCi/L	74.26	40.2 %	80-130	435
		(SP 1611118-001)	MSD	pCi/L	74.26	43.8 %	80-130	435
			MSRPD	pCi/L	107.4	7.6%	≤30	
Alpha	903.0	10/03/16:214423caa	CCV	cpm	8569	42.4 %	38 - 47	
			CCB	cpm		0.100	0.19	
Total Alpha Radium (226)	903.0	09/28/16:211720emv	RgBlk	pCi/L		0.01	2	
			LCS	pCi/L	21.86	76.9 %	52-107	
			BS	pCi/L	21.86	73.5 %	43-111	
			BSD	pCi/L	21.86	72.6 %	43-111	
			BSRPD	pCi/L	21.86	1.3%	≤35.5	
Beta	905.0	09/29/16:214239caa	CCV	cpm	8957	99.4 %	89 - 109	
			CCB	cpm		0.4800	0.52	
	905.0	10/05/16:214572caa	CCV	cpm	8952	99.6 %	89 - 109	
			CCB	cpm		0.4400	0.52	
Total Strontium	905.0	09/27/16:211658emv	RgBlk	pCi/L		0.74	2	
			LRS	pCi/L	40.57	66.9 %	53-133	
			BS	pCi/L	40.57	96.6 %	75-125	
			BSD	pCi/L	40.57	90.6 %	75-125	
			BSRPD	pCi/L	40.57	6.5%	≤20	
	905.0	10/03/16:211855emv	RgBlk	pCi/L		0.69	2	
			LRS	pCi/L	40.56	66.6 %	53-133	
			BS	pCi/L	40.55	83.4 %	75-125	
			BSD	pCi/L	40.55	78.4 %	75-125	
			BSRPD	pCi/L	40.55	6.2%	≤20	
Tritium	906.0	09/26/16:211527caa	Blank	pCi/L		-5	<300	
			LCS	pCi/L	1560	112 %	75-125	
			BS	pCi/L	1560	121 %	75-125	
			BSD	pCi/L	1560	122 %	75-125	
			BSRPD	pCi/L	1560	0.8%	≤25	
	906.0	09/27/16:214017caa	CCV	pCi/L	30040	108 %	90-110	
			CCB	pCi/L		2	500	
Alpha	908.0	09/28/16:214183caa	CCV	cpm	8572	42.9 %	43 - 52	
			CCB	cpm		0.0600	0.12	
Uranium	908.0	09/27/16:211585caa	RgBlk	pCi/L		0.18	1	
			LRS	pCi/L	20.97	65.2 %	54-105	
			BS	pCi/L	20.97	94.7 %	75-125	
			BSD	pCi/L	20.97	93.4 %	75-125	
			BSRPD	pCi/L	20.97	1.3%	≤20	
Beta	Ra - 05	10/04/16:214499caa	CCV	cpm	8953	98.7 %	89 - 108	
			CCB	cpm		0.4600	0.55	
	Ra - 05	10/04/16:214503caa	CCV	cpm	8953	98.4 %	89 - 109	
			CCB	cpm		0.4000	0.49	

October 14, 2016 Lab ID : SP 1611199
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Ra 228	Ra - 05	10/03/16:211657emv	RgBlk	pCi/L		0.18	3	
			LRS	pCi/L	77.80	52.3 %	27-59	
			BS	pCi/L	77.80	88.4 %	75-125	
			BSD	pCi/L	77.80	96.3 %	75-125	
			BSRPD	pCi/L	77.80	8.5%	≤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.
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.

October 13, 2016

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

Subject: Subcontract Analysis for FGL Lab No. SP 1611199

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613

Please note that this analysis was performed by Vista Analytical Laboratory

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-13

Enclosure

October 08, 2016

Vista Work Order No. 1601215

Ms. Cindy Aguirre
FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Dear Ms. Aguirre,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on September 22, 2016. This sample set was analyzed on a standard turn-around time, under your Project Name 'SP 1611199- (2-25173)'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1601215
Case Narrative

Sample Condition on Receipt:

Four monitoring well samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1613B

These samples were extracted and analyzed for 2,3,7,8-TCDD by EPA Method 1613B using a ZB-5MS GC column.

Holding Times

These samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1601215-01	MCWP-MW04S	21-Sep-16 12:45	22-Sep-16 10:15	Amber Glass NM Bottle, 1L
1601215-02	SMBRP-12	21-Sep-16 10:10	22-Sep-16 10:15	Amber Glass NM Bottle, 1L
1601215-03	MCWP-MW09	21-Sep-16 11:30	22-Sep-16 10:15	Amber Glass NM Bottle, 1L
1601215-04	TY-MW-1	21-Sep-16 08:30	22-Sep-16 10:15	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank — **EPA Method 1613B**

Matrix:	Aqueous	QC Batch:	B6I0157	Lab Sample:	B6I0157-BLK1
Sample Size:	1.00 L	Date Extracted:	27-Sep-2016 8:58	Date Analyzed :	29-Sep-16 14:53 Column: ZB-5MS Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	5.00	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	93.3	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	105	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Sample ID:	**OPR**				**EPA Method 1613B**
Matrix:	Aqueous	QC Batch:	B6I0157	Lab Sample:	B6I0157-BS1
Sample Size:	1.00 L	Date Extracted:	27-Sep-2016 8:58	Date Analyzed:	29-Sep-16 11:14 Column: ZB-5MS Analyst: ANP

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
2,3,7,8-TCDD	186	200	93.1	73 - 146

	Labeled Standard	%R	LCL-UCL
IS	13C-2,3,7,8-TCDD	93.1	25 - 141
CRS	37Cl-2,3,7,8-TCDD	110	37 - 158

LCL-UCL - Lower control limit - upper control limit

Sample ID: MCWP-MW04S

EPA Method 1613B

Client Data		Sample Data		Laboratory Data			
Name:	FGL Environmental, Inc.	Matrix:	Monitoring Well	Lab Sample:	1601215-01	Date Received:	22-Sep-2016 10:15
Project:	SP 1611199- (2-25173)	Sample Size:	0.992 L	QC Batch:	B6I0157	Date Extracted:	27-Sep-2016 9:02
Date Collected:	21-Sep-2016 12:45			Date Analyzed :	29-Sep-16 19:43	Column: ZB-5MS	Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	5.04	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	95.2	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	112	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Sample ID: SMBRP-12

EPA Method 1613B

Client Data		Sample Data		Laboratory Data			
Name:	FGL Environmental, Inc.	Matrix:	Monitoring Well	Lab Sample:	1601215-02	Date Received:	22-Sep-2016 10:15
Project:	SP 1611199- (2-25173)	Sample Size:	1.00 L	QC Batch:	B6I0157	Date Extracted:	27-Sep-2016 9:02
Date Collected:	21-Sep-2016 10:10			Date Analyzed :	29-Sep-16 20:31	Column: ZB-5MS	Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	4.99	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	95.0	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	108	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Sample ID: MCWP-MW09

EPA Method 1613B

Client Data

Name: FGL Environmental, Inc.
Project: SP 1611199- (2-25173)
Date Collected: 21-Sep-2016 11:30

Sample Data

Matrix: Monitoring Well
Sample Size: 1.01 L

Laboratory Data

Lab Sample: 1601215-03 Date Received: 22-Sep-2016 10:15
QC Batch: B6I0157 Date Extracted: 27-Sep-2016 9:02
Date Analyzed : 30-Sep-16 12:43 Column: ZB-5MS Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	4.96	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	85.4	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	105	42 - 164	

MDL - Method detection limit
RL - Reporting limit
LCL-UCL- Lower control limit - upper control limit

Sample ID: TY-MW-1 **EPA Method 1613B**

Client Data		Sample Data		Laboratory Data			
Name:	FGL Environmental, Inc.	Matrix:	Monitoring Well	Lab Sample:	1601215-04	Date Received:	22-Sep-2016 10:15
Project:	SP 1611199- (2-25173)	Sample Size:	1.01 L	QC Batch:	B6I0157	Date Extracted:	27-Sep-2016 9:02
Date Collected:	21-Sep-2016 8:30			Date Analyzed :	30-Sep-16 13:31	Column: ZB-5MS	Analyst: ANP

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	4.94	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	87.1	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	107	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

DATA QUALIFIERS & ABBREVIATIONS

B	**This compound was also detected in the method blank.**
D	**Dilution**
E	**The associated compound concentration exceeded the calibration range of the instrument.**
H	**Recovery and/or RPD was outside laboratory acceptance limits.**
I	**Chemical Interference**
J	**The amount detected is below the Reporting Limit/LOQ.**
*****	**See Cover Letter**
Conc.	**Concentration**
NA	**Not applicable**
ND	**Not Detected**
TEQ	**Toxic Equivalency**

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
Nevada Division of Environmental Protection	CA004132015-1
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-004
Pennsylvania Department of Environmental Protection	012
South Carolina Department of Health	87002001
Texas Commission on Environmental Quality	T104704189-15-6
Virginia Department of General Services	7923
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope	EPA 1613B

Dilution GC/HRMS	
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Subcontract to
Vista Analytical Laboratory

1601215, 1.0

Map Ref.

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: Fax:

Contact Person:

Project Name: **SP 1611199 - (2-25173)**

Purchase Order Number:

Sampler(s) Rincon (Field)

Compositor Setup Date: ____/____/____ Time: ____/____

Lab Number:

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)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)									
2	MCWP-MW04S	09/21/16	12:45	G	MW				21									
4	SMBRP-12	09/21/16	10:10	G	MW				21									
7	MCWP-MW09	09/21/16	11:30	G	MW				21									
8	TY-MW-1	09/21/16	08:30	G	MW				21									

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/21/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac			Marissa Sparks	9/22/16	1027			

SAMPLE LOG-IN CHECKLIST

Vista Analytical Laboratory

Vista Project #: 1601215 **TAT** 21

Samples Arrival:	**Date/Time** 9/22/16 1015	**Initials:** MWS	**Location:** WR-2 **Shelf/Rack:** N/a
Logged In:	**Date/Time** 9/22/16 1621	**Initials:** SR	**Location:** WR-2 **Shelf/Rack:** B4

Delivered By:	FedEx	UPS	(On Trac)	DHL	Hand Delivered	Other
Preservation:	(Ice)	(Blue Ice)		Dry Ice	None	
Temp °C: 1.3 (uncorrected)	**Time:** 1025			**Thermometer ID:** IR-1		
Temp °C: 1.0 (corrected)	**Probe used: Yes☐ No☒**					

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill — Trk # 1000110118473467	✓		
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	

If Chlorinated or Drinking Water Samples, Acceptable Preservation?						✓
Preservation Documented:	$Na_2S_2O_3$	Trizma			Yes	(No)	NA
Shipping Container	(Vista)	Client	Retain	Return	Dispose	

Comments:

October 13, 2016

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

Subject: Subcontract Analysis for FGL Lab No. SP 1611199

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontracted - Asbestos

Please note that this analysis was performed by EMSL Analytical, Inc. dba LA Testing

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-13

Enclosure

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: 321620882
Customer ID: FGLE25
Customer PO:
Project ID:

Attn: FGL Environmental
853 Corporation St
Santa Paula, CA 93060

Phone: (805) 392-2024
Fax:
Collected: 09/21/2016
Received: 09/22/2016
Analyzed: 10/06/2016

Proj: 1611199- (2-25173)

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)		
2 321620882-0001	9/22/2016 10:05 AM	30	1288	0.2227	None Detected	ND	0.19	<0.19	0.00 - 0.71
4 321620882-0002	9/22/2016 10:05 AM	5	1288	0.2620	None Detected	ND	0.98	<0.98	0.00 - 3.60
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									
7 321620882-0003	9/22/2016 10:05 AM	15	1288	0.2620	None Detected	ND	0.33	<0.33	0.00 - 1.20
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									
8 321620882-0004	9/22/2016 10:05 AM	1	1288	0.2620	None Detected	ND	4.90	<4.90	0.00 - 18.00
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									

Analyst(s)
Sherrie Ahmad (4)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 10/06/2016 09:24:46

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

Subcontract to
EMSL Analytical, Inc. dba LA Testing

#321620882

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: Fax:

Contact Person:

Project Name: **SP 1611199 - (2-25173)**

Purchase Order Number:

Sampler(s) Rincon (Field)

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

Lab Number:

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)	Subcontracted - Asbestos-Drinking Water Please include MDL Reporting 32oz(P)									Map Ref.
2	MCWP-MW04S	09/21/16	12:45	G	MW				1									
4	SMBRP-12	09/21/16	10:10	G	MW				1									
7	MCWP-MW09	09/21/16	11:30	G	MW				1									
8	TY-MW-1	09/21/16	08:30	G	MW				1									3.9°C

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/21/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac	↓	↓	Eurofins	9/22/16	855			

Page 1 Of 1

OrderID: 321620882

October 4, 2016

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

SP 1611294:5-6 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Baseline GWM

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1611294-005	MCWP-04D	Source-Other	Rincon	Rincon	09/22/2016 11:15	09/22/2016 15:56 RV	09/24/2016 RV
2	SP 1611294-006	MCWP-07D	Source-Other	Rincon	Rincon	09/22/2016 08:30	09/22/2016 15:53 RV	09/24/2016 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	<1.8 ABSENT	<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:SMH

Reviewed and Approved By **Raquel R. Harvey** Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2016-10-04

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October 13, 2016

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

Lab ID : SP 1611294
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 77 pages divided into 3 sections:

Case Narrative	(7 pages)	: An overview of the work performed at FGL.
Sample Results	(31 pages)	: Results for each sample submitted.
Quality Control	(39 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	09/22/2016	09/22/2016	SP 1611294-005	MW
MCWP-07D	09/22/2016	09/22/2016	SP 1611294-006	MW
MCWP-MW06	09/21/2016	09/22/2016	SP 1611294-016	MW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding except those as listed in the table below.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
SP 1611294-005	Chlorine, Total	15	408 Minutes
SP 1611294-005	pH	15	1696.2 Minutes
SP 1611294-006	Chlorine, Total	15	573 Minutes
SP 1611294-006	pH	15	1861.2 Minutes

All samples arrived on ice. 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

200.7	09/24/2016:213893 All analysis quality controls are within established criteria.
	09/24/2016:211518 All preparation quality controls are within established criteria.
200.8	10/04/2016:214508 All analysis quality controls are within established criteria.

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October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Metals QC

200.8	10/05/2016:214575 All analysis quality controls are within established criteria.
245.1	10/05/2016:214518 All analysis quality controls are within established criteria.
	10/04/2016:211963 All preparation quality controls are within established criteria.
3010	10/04/2016:211956 All preparation quality controls are within established criteria, except: The following note applies to Barium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Barium: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

Organic QC

504	09/27/2016:211607 All preparation quality controls are within established criteria.
504.1	09/28/2016:214053 All analysis quality controls are within established criteria.
505	09/27/2016:213930 All analysis quality controls are within established criteria.
	09/26/2016:211552 All preparation quality controls are within established criteria, except: The following note applies to Tetrachloro-m-xylene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
507	10/05/2016:214531 All analysis quality controls are within established criteria.
	09/28/2016:211665 All preparation quality controls are within established criteria, except: The following note applies to Metribuzin: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
515.3	10/01/2016:214256 All analysis quality controls are within established criteria.
	09/27/2016:211634 All preparation quality controls are within established criteria.
524.2	09/23/2016:214001 All analysis quality controls are within established criteria, except: The following note applies to Dibromochloromethane, Bromoform, Bromomethane (Methyl Bromide), Dichlorodifluoromethane, Trichlorofluoromethane F-11, Ch: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/22/2016:211610 All preparation quality controls are within established criteria, except:

Organic QC

524.2	The following note applies to TAME: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Ethyl tert-Butyl Ether, TAME: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	09/29/2016:214102 All analysis quality controls are within established criteria.
	09/28/2016:211702 All preparation quality controls are within established criteria, except: The following note applies to Aldicarb Sulfone/Sulfoxide, Oxamyl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5310C	09/27/2016:214089 All analysis quality controls are within established criteria.
	09/26/2016:211516 All preparation quality controls are within established criteria.
547	09/30/2016:214211 All analysis quality controls are within established criteria.
	09/29/2016:211782 All preparation quality controls are within established criteria.
548.1	10/07/2016:214670 All analysis quality controls are within established criteria.
	09/27/2016:211622 All preparation quality controls are within established criteria.
549	09/22/2016:211450 All preparation quality controls are within established criteria.
549.2	09/23/2016:213932 All analysis quality controls are within established criteria.
552	09/28/2016:211687 All preparation quality controls are within established criteria, except: The following note applies to Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	09/29/2016:214149 All analysis quality controls are within established criteria.
608	09/29/2016:214106 All analysis quality controls are within established criteria.
	09/27/2016:211539 All preparation quality controls are within established criteria.
624	09/22/2016:213938 All analysis quality controls are within established criteria, except:

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Organic QC

624	The following note applies to 1,1-Dichloroethane, 1,4-Dichlorobenzene, Bromoform, Bromomethane (Methyl Bromide), Chloromethane(Methyl Chloride): 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/22/2016:211564 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, Bromomethane (Methyl Bromide), Chloromethane(Methyl Chloride), Vinyl Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Fluorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
625	10/04/2016:214509 All analysis quality controls are within established criteria, except: The following note applies to Nitrobenzene-d5, p-Chloro-m-cresol: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Nitrobenzene-d5: 362 Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
	09/28/2016:211666 All preparation quality controls are within established criteria, except: The following note applies to 2,4,6-Tribromophenol, bis(2-Chloroethyl)ether, 3,3-Dichlorobenzidine, Dimethylphthalate: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to bis(2-Chloroisopropyl)ether, Hexachlorocyclopentadiene, Diethylphthalate, Dimethylphthalate, Nitrobenzene, Nitrobenzene-: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Butylbenzylphthalate, Benzidine, 3,3-Dichlorobenzidine, Hexachlorobutadiene, Hexachloroethane, Isophorone, Nitrobenzene,: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Butylbenzylphthalate, Benzidine: 320 LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
625P	10/01/2016:214450 All analysis quality controls are within established criteria.
	09/27/2016:211614 All preparation quality controls are within established criteria, except: The following note applies to Aldrin: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Aldrin, Endrin: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

Radio QC

900.0	10/06/2016:214751 All analysis quality controls are within established criteria.
	10/05/2016:212000 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha, Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
903.0	10/04/2016:214423 All analysis quality controls are within established criteria.
	09/28/2016:211720 All preparation quality controls are within established criteria.
905.0	10/05/2016:214572 All analysis quality controls are within established criteria.
	10/03/2016:211855 All preparation quality controls are within established criteria.
906.0	09/27/2016:214017 All analysis quality controls are within established criteria.
	09/26/2016:211527 All preparation quality controls are within established criteria.
908.0	09/30/2016:214335 All analysis quality controls are within established criteria.
	09/29/2016:211728 All preparation quality controls are within established criteria.
Ra - 05	10/05/2016:214574 All analysis quality controls are within established criteria.
	10/05/2016:214576 All analysis quality controls are within established criteria.
	10/03/2016:211719 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

1664A	10/06/2016:212024 All preparation quality controls are within established criteria.
2120B	09/23/2016:214268 All analysis quality controls are within established criteria.
	09/23/2016:211828 All preparation quality controls are within established criteria.
2130B	09/23/2016:213889 All analysis quality controls are within established criteria.
	09/23/2016:211432 All preparation quality controls are within established criteria.
2150B	09/23/2016:211834 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

218.6	09/30/2016:214421 All analysis quality controls are within established criteria.
	09/30/2016:211954 All preparation quality controls are within established criteria.
2320B	09/23/2016:213890 All analysis quality controls are within established criteria.
	09/23/2016:211471 All preparation quality controls are within established criteria, except: The following note applies to Alkalinity (as CaCO3), Bicarbonate: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
2510B	09/23/2016:213844 All analysis quality controls are within established criteria.
	09/23/2016:211472 All preparation quality controls are within established criteria.
2540CE	09/26/2016:211570 All preparation quality controls are within established criteria.
2540D	09/27/2016:211589 All preparation quality controls are within established criteria.
300.0	09/23/2016:214031 All analysis quality controls are within established criteria.
	09/23/2016:211595 All preparation quality controls are within established criteria, except: The following note applies to Nitrate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
314.0	10/07/2016:214738 All analysis quality controls are within established criteria.
	10/07/2016:212135 All preparation quality controls are within established criteria.
351.2	09/26/2016:211529 All preparation quality controls are within established criteria.
4500ClG	09/22/2016:213837 All analysis quality controls are within established criteria.
	09/22/2016:211467 All preparation quality controls are within established criteria.
4500CNCE	10/02/2016:214314 All analysis quality controls are within established criteria.
	10/02/2016:211864 All preparation quality controls are within established criteria.
4500-H B	09/23/2016:211504 All preparation quality controls are within established criteria.
4500HB	09/23/2016:213872 All analysis quality controls are within established criteria.

October 13, 2016 Lab ID : SP 1611294
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Inorganic - Wet Chemistry QC

4500NH3G	09/29/2016:214161 All analysis quality controls are within established criteria.
	09/30/2016:214218 All analysis quality controls are within established criteria.
	09/29/2016:211726 All preparation quality controls are within established criteria.
	09/30/2016:211784 All preparation quality controls are within established criteria.
4500NO3F	09/23/2016:213928 All analysis quality controls are within established criteria.
	09/23/2016:211483 All preparation quality controls are within established criteria.
4500-P B	09/30/2016:211822 All preparation quality controls are within established criteria.
4500PE	10/01/2016:214259 All analysis quality controls are within established criteria.
5210B	09/28/2016:214193 All analysis quality controls are within established criteria.
	09/23/2016:211475 All preparation quality controls are within established criteria, except: The following note applies to BOD: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5540C	09/23/2016:213888 All analysis quality controls are within established criteria.
	09/23/2016:211523 All preparation quality controls are within established criteria.
EPA351.2	09/27/2016:213984 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: 2016-10-13

October 13, 2016

Lab ID : SP 1611294-005
Customer ID : 2-25173

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Sampled On : September 22, 2016-11:15
Sampled By : Rincon
Received On : September 22, 2016-15:40
Matrix : Monitoring Well

Description : MCWP-04D
Project : Malibu WWTP - Baseline GWM

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
General Mineral P:1'5												
Total Hardness as CaCO3	810	2.5	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Calcium	167	1	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Magnesium	95.5	1	0.0037	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Potassium	2.86	1	0.065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Sodium	184	1	0.27	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Total Cations	24.3	0.1	0.0065	meq/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Boron	0.774	0.05	0.0050	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Copper	ND	10	1.2	ug/L	1	U	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Iron	78.4	50	5.0	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Manganese	10.5	10	0.099	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Zinc	1.44	20	1.0	ug/L	1	J	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
SAR	2.81	0.1	0.0065	--	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:15AC
Total Alkalinity (as CaCO3)	307	10	1.1	mg/L	1	J	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-14:53AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-14:53AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-14:53AMB
Bicarbonate as HCO3	375	10	1.1	mg/L	1.000	J	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-14:53AMB
Sulfate	531	5	0.015	mg/L	5	b	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:23MCA
Chloride	232	5	0.0045	mg/L	5		300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:23MCA
Nitrate as NO3	8.63	0.4	0.0032	mg/L	1	l	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-11:46MCA
Nitrite as N	ND	0.1	0.0010	mg/L	1	U	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-11:46MCA

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Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	1.90	0.1	0.0032	mg/L	1	l	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-11:46MCA
Fluoride	0.630	0.1	0.0021	mg/L	1		300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-11:46MCA
Total Anions	23.9	0.1	1.1	meq/L	1.000	Jbl	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-14:53AMB
pH	7.13	--	0.0	units	1	T	4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:41JMG
Specific Conductance	2220	1	0.0	umhos/cm	1		2510B	211472	09/23/16 09:27	2510B	213844-EC206	09/23/16-11:25JMG
Total Dissolved Solids	1550	40	5.8	mg/L	1		2540CE	211570	09/26/16 15:48	2540C	213989-WT219	09/27/16-10:07CTL
MBAS (foaming agents)	0.0226	0.1	0.0053	mg/L	1	Jb	5540C	211523	09/23/16 09:07	5540C	213888-UV207	09/23/16-17:25JBA
Aggressiveness Index	12.2	1	0.0	--	1		4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:41JMG
Langelier Index (20°C)	0.3	1	0.0	--	1	J	4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:41JMG
Nitrate Nitrogen	1.90	0.1	0.00080	mg/L	1	l	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-11:46MCA
Metals, Total P:1'5												
Aluminum	0.00791	0.01	0.000050	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Antimony	0.000137	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Arsenic	0.00193	0.002	0.000047	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Barium	0.0379	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Cadmium	0.000141	0.0002	0.000031	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Chromium	0.000428	0.001	0.000066	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Copper	0.00139	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Lead	0.000535	0.0002	0.000013	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Mercury	0.00000439	0.00001	.0000021	mg/L	1	J	245.1	211963	10/04/16 13:00	245.1	214518-HG204	10/05/16-12:36AC
Nickel	0.00419	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Selenium	0.00534	0.002	0.00017	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Thallium	ND	0.0002	0.000018	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Chromium III	ND	0.001	0.000066	mg/L	1	Jb	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-14:23AC
Wet Chemistry AGT:1												
BOD	0.8	2	0.19	mg/L	1	J	5210B	211475	09/23/16 15:04	5210B	214193-O2204	09/28/16-15:49AMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:39SJN
Chromium VI	0.492	0.1	0.012	ug/L	1	b	218.6	211954	09/30/16 16:50	218.6	214421-IC209	09/30/16-21:03MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211828	09/23/16 11:40	2120B	214268-JMG	09/23/16-11:50jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	U	4500CNCE	211864	10/02/16 14:30	4500CNCE	214314-UV207	10/02/16-17:01AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:19AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:35AMB
Nitrogen, Total as Nitrogen	1.90	0.5	0.32	mg/L	1	l	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:35AMB
Nitrate + Nitrite as N	1.90	0.1	0.0032	mg/L	1	l	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-11:46MCA
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:35AMB
Odor	ND	1	0.0	TON	1	U	2150B	211834	09/23/16 08:15	2150B	214277-JMG	09/23/16-08:40jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664A	212024	10/06/16 14:06	1664A	214674-WT215	10/07/16-16:22AMM
Phosphorus, Total	0.0613	0.1	0.031	mg/L	1	J	4500-P B	211822	09/30/16 14:43	4500PE	214259-UV205	10/01/16-11:18SJN
Solids, Total Suspended (TSS)	0.632	1.1	0.49	mg/L	1.0526	J	2540D	211589	09/27/16 08:50	2540D	214125-WT215	09/28/16-16:45jba
Turbidity	1.08	0.2	0.048	NTU	1		2130B	211432	09/23/16 11:37	2130B	213889-TR203	09/23/16-11:40JBA
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	212135	10/07/16 13:30	314.0	214738-IC207	10/07/16-18:33SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
l	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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 13, 2016

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

Description : MCWP-04D
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611294-005
Customer ID : 2-25173

Sampled On : September 22, 2016-11:15
Sampled By : Rincon
Received On : September 22, 2016-15:40
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	120	70-130		%	0.99386		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-12:59SBL
DBCP	ND	0.0099	0.0057	ug/L	0.99386	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-12:59SBL
EDB	ND	0.02	0.0027	ug/L	0.99386	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-12:59SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	110	70-130		%	0.99328		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Alachlor	ND	0.2	0.13	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Aldrin	ND	0.0099	0.0040	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Chlordane	ND	0.099	0.041	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Dieldrin	ND	0.0099	0.0024	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Endrin	ND	0.0099	0.0054	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Heptachlor	ND	0.0099	0.0026	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Heptachlor Epoxide	ND	0.0099	0.0046	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Hexachlorobenzene	ND	0.0099	0.0031	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Hexachlorocyclopentadiene	ND	0.099	0.027	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Lindane (Gamma BHC)	ND	0.05	0.0049	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Methoxychlor	ND	0.099	0.0098	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
Toxaphene	ND	0.5	0.11	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
PCB 1016	ND	0.5	0.22	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
PCB 1221	ND	0.5	0.067	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
PCB 1232	ND	0.5	0.13	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.5	0.14	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
PCB 1248	ND	0.5	0.064	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
PCB 1254	ND	0.5	0.026	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
PCB 1260	ND	0.5	0.055	ug/L	0.99328	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-08:42SBL
EPA 507 AGT:1												
Triphenylphosphate‡	80.4	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-20:39SG
EPA 515 AGT:1												
2,4-DCAA‡	98.0	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:11SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	95.7	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2-Dichlorobenzene-d4‡	96.7	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Benzene	ND	0.5	0.081	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Bromoform	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Chloroform	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Chloromethane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Naphthalene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Styrene	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	Ufh	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Toluene	ND	0.5	0.055	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-01:55VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-08:29SG
EPA 547 AGT:1												
Glyphosate	1.15	20	0.97	ug/L	1	J	547	211782	09/29/16 13:01	547	214211-LC204	09/30/16-14:12SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211622	09/27/16 13:31	548.1	214670-GC220	10/07/16-22:42SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-17:04SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	98.1	70-130		%	1		552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	U	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
Chloroacetic Acid	0.795	2	0.28	ug/L	1	J	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
Dibromoacetic Acid	ND	1	0.25	ug/L	1	U	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	U	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
Trichloroacetic Acid	0.527	1	0.39	ug/L	1	Jb	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
Haloacetic acids (five)	1.32	1	0.55	ug/L	1	Jb	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-16:40SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	72.3	15-143		%	0.93458		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
Chlordane	ND	1.9	0.32	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
Toxaphene	ND	1.9	0.044	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1016	ND	0.47	0.13	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1221	ND	0.47	0.084	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1232	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1242	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1248	ND	0.47	0.064	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1254	ND	0.47	0.086	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
PCB 1260	ND	0.47	0.11	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-09:47SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	89.8	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Fluorobenzene‡	84.0	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Pentafluorobenzene‡	66.8	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-22:34VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	76.7	10-99		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2-Fluorophenol‡	75.2	15-96		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Nitrobenzene-d5‡	97.5	11-102		%	0.93458	H	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Phenol-d6‡	64.9	9-103		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
p-Terphenyl-d14‡	87.5	25-123		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4,6-Tribromophenol‡	75.7	17-97		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Acenaphthene	ND	0.93	0.50	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Acenaphthylene	ND	0.93	0.39	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Anthracene	ND	0.93	0.43	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Benzidine	ND	9.3	1.8	ug/L	0.93458	UL	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Benzo(a)anthracene	ND	0.93	0.43	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Benzo(b)fluoranthene	ND	0.93	0.37	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Benzo(k)fluoranthene	ND	0.93	0.50	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Benzo(g,h,i)perylene	ND	0.93	0.40	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Benzo(a)pyrene	ND	0.93	0.40	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
4-Bromophenylphenylether	ND	0.93	0.46	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.93458	UL	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
bis(2-Chloroethoxy)methane	ND	0.93	0.56	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
bis(2-Chloroethyl)ether	ND	0.93	0.52	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
bis(2-Chloroisopropyl)ether	ND	0.93	0.53	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
bis(2-Ethylhexyl)phthalate	1.15	1.9	0.41	ug/L	0.93458	J	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2-Chloronaphthalene	ND	0.93	0.63	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
4-Chlorophenylphenylether	ND	0.93	0.62	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Chrysene	ND	0.93	0.51	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Dibenzo(a,h)anthracene	ND	0.93	0.37	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
1,2-Dichlorobenzene	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
1,3-Dichlorobenzene	ND	0.93	0.45	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
1,4-Dichlorobenzene	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
3,3'-Dichlorobenzidine	ND	0.93	0.43	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Diethylphthalate	ND	0.93	0.34	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Dimethylphthalate	ND	0.93	0.31	ug/L	0.93458	UL	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
4,6-Dinitro-2-methylphenol	ND	0.93	0.43	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4-Dinitrotoluene	ND	0.93	0.49	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,6-Dinitrotoluene	ND	0.93	0.55	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Di-n-octylphthalate	ND	0.93	0.31	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Fluoranthene	ND	0.93	0.44	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Fluorene	ND	0.93	0.62	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Hexachlorobenzene	ND	0.93	0.47	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Hexachlorobutadiene	ND	0.93	0.45	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Hexachlorocyclopentadiene	ND	0.93	0.24	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Hexachloroethane	ND	0.93	0.43	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Indeno(1,2,3-c,d)pyrene	ND	0.93	0.38	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Isophorone	ND	0.93	0.41	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Naphthalene	ND	0.93	0.55	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Nitrobenzene	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
N-Nitrosodiphenylamine	ND	0.93	0.74	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
N-Nitrosodi-n-propylamine	ND	0.93	0.53	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Phenanthrene	ND	0.93	0.50	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Phenol	ND	0.93	0.88	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Pyrene	ND	0.93	0.46	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
Pyridine	ND	9.3	0.32	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
1,2,4-Trichlorobenzene	ND	0.93	0.48	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4,6-Trichlorophenol	ND	0.93	0.90	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
1,2-Diphenylhydrazine	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-20:54SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.9434	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Alpha BHC	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Beta BHC	ND	4.7	1.5	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Delta BHC	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Dieldrin	ND	4.7	1.5	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Endosulfan I	ND	4.7	2.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Endosulfan II	ND	4.7	2.1	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Endrin	ND	4.7	1.3	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Heptachlor	ND	4.7	1.8	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Methoxychlor	ND	4.7	0.46	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
cis_Nonachlor	ND	47	1.6	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
o,p - DDD	ND	4.7	0.54	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
o,p - DDE	ND	4.7	0.35	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
o,p - DDT	ND	4.7	0.95	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
trans-Nonachlor	ND	47	1.2	ng/L	0.9434	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
Tetrachloro-m-xylene‡	65.8	26-90		%	0.9434		625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-01:31SG
TOC AVT:1'4												
TOC	0.715	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-16:01AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 13, 2016

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

Description : MCWP-04D
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611294-005
Customer ID : 2-25173

Sampled On : September 22, 2016-11:15
Sampled By : Rincon
Received On : September 22, 2016-15:40
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	5.66 ± 1.97	1.60	pCi/L	15	h	900.0	212000	10/05/16 09:40	900.0	214751-GP219	10/06/16-08:00caa
Gross Beta	11.0 ± 2.59	2.45	pCi/L	50	l	900.0	212000	10/05/16 09:40	900.0	214751-GP219	10/06/16-08:00caa
Strontium 90	0.114 ± 0.705	0.491	pCi/L	8		905.0	211855	10/03/16 18:00	905.0	214572-GP217	10/05/16-10:40caa
Total Alpha Radium (226)	0.112 ± 0.155	0.470	pCi/L	3		903.0	211720	09/28/16 18:30	903.0	214423-GP216	10/04/16-07:20caa
Tritium	72.0 ± 261	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/27/16-12:00caa
Uranium	3.09 ± 1.36	0.300	pCi/L	20		908.0	211728	09/29/16 07:30	908.0	214335-GP220	09/30/16-16:43caa
Ra 228	0.082 ± 0.440	0.200	pCi/L	2		Ra - 05	211719	10/03/16 18:30	Ra - 05	214574-GP219	10/05/16-18:50emv

DQF Flags Definition:

h The MS/MSD did not meet QC criteria.

l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

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.

October 13, 2016

Lab ID : SP 1611294-006
Customer ID : 2-25173

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

Sampled On : September 22, 2016-08:30
Sampled By : Rincon
Received On : September 22, 2016-15:40
Matrix : Monitoring Well

Description : MCWP-07D
Project : Malibu WWTP - Baseline GWM

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
General Mineral P:1'5												
Total Hardness as CaCO3	882	2.5	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Calcium	169	1	0.0065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Magnesium	112	1	0.0037	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Potassium	3.11	1	0.065	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Sodium	213	1	0.27	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Total Cations	27.0	0.1	0.0065	meq/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Boron	0.412	0.05	0.0050	mg/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Copper	ND	10	1.2	ug/L	1	U	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Iron	59.6	50	5.0	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Manganese	373	10	0.099	ug/L	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Zinc	ND	20	1.0	ug/L	1	U	200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
SAR	3.12	0.1	0.0065	--	1		200.7	211518	09/24/16 13:30	200.7	213893-IT203	09/24/16-19:06AC
Total Alkalinity (as CaCO3)	488	10	1.1	mg/L	1		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:28AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:28AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:28AMB
Bicarbonate as HCO3	595	10	1.1	mg/L	1.000		2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:28AMB
Sulfate	474	5	0.015	mg/L	5	b	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-15:09MCA
Chloride	229	5	0.0045	mg/L	5		300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-15:09MCA
Nitrate as NO3	ND	0.4	0.0032	mg/L	1	Ul	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:05MCA
Nitrite as N	ND	0.1	0.0010	mg/L	1	U	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:05MCA

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Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'5												
Nitrate + Nitrite as N	ND	0.1	0.0032	mg/L	1	Ul	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:05MCA
Fluoride	0.483	0.1	0.0021	mg/L	1		300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:05MCA
Total Anions	26.1	0.1	1.1	meq/L	1.000	bl	2320B	211471	09/23/16 04:45	2320B	213890-MT201	09/23/16-13:28AMB
pH	7.17	--	0.0	units	1	T	4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:42JMG
Specific Conductance	2420	1	0.0	umhos/cm	1		2510B	211472	09/23/16 09:27	2510B	213844-EC206	09/23/16-11:25JMG
Total Dissolved Solids	1680	40	5.8	mg/L	1		2540CE	211570	09/26/16 15:48	2540C	213989-WT219	09/27/16-10:14CTL
MBAS (foaming agents)	0.0248	0.1	0.0053	mg/L	1	Jb	5540C	211523	09/23/16 09:07	5540C	213888-UV207	09/23/16-17:25JBA
Aggressiveness Index	12.5	1	0.0	--	1		4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:42JMG
Langelier Index (20°C)	0.6	1	0.0	--	1		4500-H B	211504	09/23/16 15:31	4500HB	213872-PH203	09/23/16-15:42JMG
Nitrate Nitrogen	ND	0.1	0.00080	mg/L	1	Ul	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:05MCA
Metals, Total P:1'5												
Aluminum	0.00977	0.01	0.000050	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Antimony	0.000132	0.001	0.000044	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Arsenic	0.00252	0.002	0.000047	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Barium	0.0467	0.0002	0.000026	mg/L	1	hP	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Cadmium	0.000182	0.0002	0.000031	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Chromium	0.000444	0.001	0.000066	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Copper	0.00180	0.001	0.000071	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Lead	0.000143	0.0002	0.000013	mg/L	1	J	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Mercury	0.00000764	0.00001	.0000021	mg/L	1	J	245.1	211963	10/04/16 13:00	245.1	214518-HG204	10/05/16-12:39AC
Nickel	0.00656	0.001	0.000040	mg/L	1		3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Selenium	0.00357	0.004	0.00017	mg/L	2	J	3010	211956	10/04/16 03:30	200.8	214575-IX202	10/05/16-16:10AC
Silver	ND	0.00025	0.000022	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Thallium	ND	0.0002	0.000018	mg/L	1	U	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Chromium III	ND	0.001	0.000066	mg/L	1	Jb	3010	211956	10/04/16 03:30	200.8	214508-IX202	10/04/16-15:01AC
Wet Chemistry AGT:1												
BOD	0.8	2	0.19	mg/L	1	J	5210B	211475	09/23/16 15:06	5210B	214193-O2204	09/28/16-15:49AMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500ClG	211467	09/22/16 18:03	4500ClG	213837-UV207	09/22/16-18:40SJN
Chromium VI	0.425	0.1	0.012	ug/L	1	b	218.6	211954	09/30/16 16:50	218.6	214421-IC209	09/30/16-21:14MCA

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 AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211828	09/23/16 11:40	2120B	214268-JMG	09/23/16-11:50jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	U	4500CNCE	211864	10/02/16 14:30	4500CNCE	214314-UV207	10/02/16-17:02AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211784	09/30/16 03:50	4500NH3G	214218-FI207	09/30/16-05:50AMB
Ammonia Nitrogen	0.283	0.2	0.072	mg/L	1		4500NH3G	211784	09/30/16 03:50	4500NH3G	214218-FI207	09/30/16-05:50AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:36AMB
Nitrogen, Total as Nitrogen	ND	0.5	0.32	mg/L	1	Ul	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:36AMB
Nitrate + Nitrite as N	ND	0.1	0.0032	mg/L	1	Ul	300.0	211595	09/23/16 10:40	300.0	214031-IC210	09/23/16-12:05MCA
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211529	09/26/16 08:50	EPA351.2	213984-FI206	09/27/16-08:36AMB
Odor	ND	1	0.0	TON	1	U	2150B	211834	09/23/16 08:15	2150B	214277-JMG	09/23/16-08:40jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664A	212024	10/06/16 14:06	1664A	214674-WT215	10/07/16-16:22AMM
Phosphorus, Total	0.125	0.1	0.031	mg/L	1		4500-P B	211822	09/30/16 14:43	4500PE	214259-UV205	10/01/16-11:19SJN
Solids, Total Suspended (TSS)	1.02	1.1	0.49	mg/L	1.0753		2540D	211589	09/27/16 08:50	2540D	214125-WT215	09/28/16-16:45jba
Turbidity	1.50	0.2	0.048	NTU	1		2130B	211432	09/23/16 11:37	2130B	213889-TR203	09/23/16-11:40JBA
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	212135	10/07/16 13:30	314.0	214738-IC207	10/07/16-18:56SBL

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
l	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.
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

October 13, 2016

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

Description : MCWP-07D
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611294-006
Customer ID : 2-25173

Sampled On : September 22, 2016-08:30
Sampled By : Rincon
Received On : September 22, 2016-15:40
Matrix : Monitoring Well

Sample Result - Organic

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
EPA 504.1 VOA:1												
1,3-Dibromopropane‡	119	70-130		%	0.98181		504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-14:10SBL
DBCP	ND	0.0098	0.0057	ug/L	0.98181	U	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-14:10SBL
EDB	ND	0.02	0.0027	ug/L	0.98181	Ub	504	211607	09/27/16 18:00	504.1	214053-GC216	09/28/16-14:10SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene‡	84.0	70-130		%	0.98238		505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Alachlor	ND	0.2	0.13	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Aldrin	ND	0.0098	0.0040	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Chlordane	ND	0.098	0.041	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Dieldrin	ND	0.0098	0.0024	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Endrin	ND	0.0098	0.0054	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Heptachlor	ND	0.0098	0.0026	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Heptachlor Epoxide	ND	0.0098	0.0046	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Hexachlorobenzene	ND	0.0098	0.0031	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Hexachlorocyclopentadiene	ND	0.098	0.027	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Lindane (Gamma BHC)	ND	0.049	0.0049	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Methoxychlor	ND	0.098	0.0098	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
Toxaphene	ND	0.49	0.11	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
PCB 1016	ND	0.49	0.22	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
PCB 1221	ND	0.49	0.067	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
PCB 1232	ND	0.49	0.13	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL

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Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 VOA:1												
PCB 1242	ND	0.49	0.14	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
PCB 1254	ND	0.49	0.026	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
PCB 1260	ND	0.49	0.055	ug/L	0.98238	U	505	211552	09/26/16 11:03	505	213930-GC215	09/27/16-09:23SBL
EPA 507 AGT:1												
Triphenylphosphate‡	96.4	70-130		%	1		507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Alachlor	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Atrazine	ND	1	0.14	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Bromacil	ND	2	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Butachlor	ND	1	0.21	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Diazinon	ND	2	0.18	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Dimethoate	ND	2	0.089	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Metolachlor	ND	1	0.41	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Metribuzin	ND	0.5	0.24	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Molinate	ND	2	0.13	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Prometryne	ND	2	0.095	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Propachlor	ND	1	0.12	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Simazine	ND	1	0.16	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Thiobencarb	ND	1	0.15	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
Cyanazine	ND	1	0.11	ug/L	1	U	507	211665	09/28/16 11:55	507	214531-GC218	10/05/16-21:17SG
EPA 515 AGT:1												
2,4-DCAA‡	101	70-130		%	1		515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
Dalapon	ND	10	3.5	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
Dinoseb	ND	1	0.49	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 AGT:1												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211634	09/27/16 11:46	515.3	214256-GC215	10/01/16-03:52SG
EPA 524.2 VOA:1'3												
4-Bromofluorobenzene‡	98.1	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2-Dichlorobenzene-d4‡	95.8	70-130		%	1	f	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Benzene	ND	0.5	0.081	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Bromoform	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Chloroform	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Chloromethane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Naphthalene	ND	0.5	0.070	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Styrene	ND	0.5	0.040	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	Ufh	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Toluene	ND	0.5	0.055	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:1'3												
Trichloroethylene	ND	0.5	0.060	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Xylenes o	ND	0.5	0.080	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	Uf	524.2	211610	09/22/16 08:00	524.2	214001-GM215	09/23/16-02:20VRG
EPA 531.1 AGT:1'8												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
3-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	211702	09/28/16 14:40	531.1	214102-LC204	09/29/16-09:00SG
EPA 547 AGT:1												
Glyphosate	1.38	20	0.97	ug/L	1	J	547	211782	09/29/16 13:01	547	214211-LC204	09/30/16-14:37SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211622	09/27/16 13:31	548.1	214670-GC220	10/07/16-23:11SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211450	09/22/16 13:17	549.2	213932-LC204	09/23/16-17:12SG

Sample Result - Organic

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
EPA 552.2 AGT:1'12												
2,3-Dibromopropionic Acid‡	105	70-130		%	1		552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
Bromoacetic Acid	ND	1	0.55	ug/L	1	U	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
Chloroacetic Acid	ND	2	0.28	ug/L	1	U	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
Dibromoacetic Acid	0.913	1	0.25	ug/L	1	J	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
Dichloroacetic Acid	ND	1	0.57	ug/L	1	U	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
Trichloroacetic Acid	0.532	1	0.39	ug/L	1	Jb	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
Haloacetic acids (five)	1.44	1	0.55	ug/L	1	Jb	552	211687	09/28/16 16:30	552.2	214149-GC219	09/29/16-17:11SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene‡	44.8	15-143		%	0.93458		608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
Chlordane	ND	1.9	0.32	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
Toxaphene	ND	1.9	0.044	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1016	ND	0.47	0.13	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1221	ND	0.47	0.084	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1232	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1242	ND	0.47	0.20	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1248	ND	0.47	0.064	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1254	ND	0.47	0.086	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
PCB 1260	ND	0.47	0.11	ug/L	0.93458	U	608	211539	09/27/16 16:30	608	214106-GC215	09/29/16-10:28SBL
EPA 624 VOA:1'3												
4-Bromofluorobenzene‡	89.4	70-161		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Fluorobenzene‡	85.6	72-139		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Pentafluorobenzene‡	70.7	59-151		%	1	f	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Acetone	ND	50	7.2	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Acrolein	ND	5	2.5	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Acrylonitrile	ND	2	0.85	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Benzene	ND	0.5	0.13	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Bromodichloromethane	ND	0.5	0.089	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Bromoform	ND	1	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
2-Butanone (MEK)	ND	10	0.83	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
Carbon Disulfide	ND	5	0.26	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Chlorobenzene	ND	0.5	0.036	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Chloroethane	ND	0.5	0.37	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
2-Chloroethylvinyl ether	ND	10	0.14	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Chloroform	ND	0.5	0.045	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Chloromethane	ND	0.5	0.36	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Dibromochloromethane	ND	0.5	0.078	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,2-Dichlorobenzene	ND	0.5	0.026	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,3-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,4-Dichlorobenzene	ND	0.5	0.063	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,1-Dichloroethane	ND	0.5	0.16	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,2-Dichloroethane	ND	0.5	0.044	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,1-Dichloroethylene	ND	0.5	0.49	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
trans-1,2-Dichloroethylene	ND	1	0.12	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,2-Dichloropropane	ND	0.5	0.094	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
cis-1,3-Dichloropropene	ND	0.5	0.10	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
trans-1,3-Dichloropropene	ND	1	0.035	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Ethyl Benzene	ND	0.5	0.046	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.29	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Methylene Chloride	ND	0.5	0.24	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.081	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Styrene	ND	0.5	0.059	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.076	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Tetrachloroethylene	ND	0.5	0.056	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Toluene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
1,1,1-Trichloroethane	ND	0.5	0.053	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:1'3												
1,1,2-Trichloroethane	ND	0.5	0.033	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Trichlorofluoromethane	ND	1.5	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Vinyl Acetate	ND	100	0.15	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Vinyl Chloride	ND	0.5	0.17	ug/L	1	Ufh	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Xylenes m,p	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Xylenes o	ND	0.5	0.062	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
Xylenes	ND	0.5	0.084	ug/L	1	Uf	624	211564	09/22/16 08:00	624	213938-GM214	09/22/16-23:02VRG
EPA 625 AGT:1												
2-Fluorobiphenyl‡	47.9	10-99		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2-Fluorophenol‡	19.5	15-96		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Nitrobenzene-d5‡	78.5	11-102		%	0.93458	H	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Phenol-d6‡	24.8	9-103		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
p-Terphenyl-d14‡	88.8	25-123		%	0.93458		625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4,6-Tribromophenol‡	7.1	17-97		%	0.93458	L	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Acenaphthene	ND	0.93	0.50	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Acenaphthylene	ND	0.93	0.39	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Anthracene	ND	0.93	0.43	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Benzidine	ND	9.3	1.8	ug/L	0.93458	UL	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Benzo(a)anthracene	ND	0.93	0.43	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Benzo(b)fluoranthene	ND	0.93	0.37	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Benzo(k)fluoranthene	ND	0.93	0.50	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Benzo(g,h,i)perylene	ND	0.93	0.40	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Benzo(a)pyrene	ND	0.93	0.40	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
4-Bromophenylphenylether	ND	0.93	0.46	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.93458	UL	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
bis(2-Chloroethoxy)methane	ND	0.93	0.56	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
bis(2-Chloroethyl)ether	ND	0.93	0.52	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
bis(2-Chloroisopropyl)ether	ND	0.93	0.53	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
bis(2-Ethylhexyl)phthalate	1.26	1.9	0.41	ug/L	0.93458	J	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2-Chloronaphthalene	ND	0.93	0.63	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2-Chlorophenol	ND	1.9	1.0	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
4-Chlorophenylphenylether	ND	0.93	0.62	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Chrysene	ND	0.93	0.51	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Dibenzo(a,h)anthracene	ND	0.93	0.37	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
1,2-Dichlorobenzene	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
1,3-Dichlorobenzene	ND	0.93	0.45	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
1,4-Dichlorobenzene	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
3,3'-Dichlorobenzidine	ND	0.93	0.43	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Diethylphthalate	ND	0.93	0.34	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Dimethylphthalate	ND	0.93	0.31	ug/L	0.93458	UL	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
4,6-Dinitro-2-methylphenol	ND	0.93	0.43	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4-Dinitrotoluene	ND	0.93	0.49	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,6-Dinitrotoluene	ND	0.93	0.55	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Di-n-octylphthalate	ND	0.93	0.31	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Fluoranthene	ND	0.93	0.44	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Fluorene	ND	0.93	0.62	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Hexachlorobenzene	ND	0.93	0.47	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Hexachlorobutadiene	ND	0.93	0.45	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Hexachlorocyclopentadiene	ND	0.93	0.24	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Hexachloroethane	ND	0.93	0.43	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Indeno(1,2,3-c,d)pyrene	ND	0.93	0.38	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Isophorone	ND	0.93	0.41	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Naphthalene	ND	0.93	0.55	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Nitrobenzene	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Nitrophenol	ND	1.9	1.1	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
N-Nitrosodiphenylamine	ND	0.93	0.74	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
N-Nitrosodi-n-propylamine	ND	0.93	0.53	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Phenanthrene	ND	0.93	0.50	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Phenol	ND	0.93	0.88	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Pyrene	ND	0.93	0.46	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
Pyridine	ND	9.3	0.32	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
1,2,4-Trichlorobenzene	ND	0.93	0.48	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4,6-Trichlorophenol	ND	0.93	0.90	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
1,2-Diphenylhydrazine	ND	0.93	0.47	ug/L	0.93458	UH	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.93458	U	625	211666	09/28/16 21:00	625	214509-GM213	10/04/16-21:44SBL
EPA 625 Pest AGT:1												
Aldrin	ND	4.7	0.91	ng/L	0.93458	UH	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Alpha BHC	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Beta BHC	ND	4.7	1.5	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Delta BHC	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
alpha-Chlordane	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
gamma-Chlordane	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
p,p'-DDD	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
p,p'-DDE	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
p,p'-DDT	ND	4.7	4.1	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Dieldrin	ND	4.7	1.5	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Endosulfan I	ND	4.7	2.1	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Endosulfan II	ND	4.7	2.1	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Endosulfan Sulfate	ND	4.7	1.2	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Endrin	ND	4.7	1.3	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Endrin Aldehyde	ND	4.7	1.9	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG

Sample Result - Organic

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
EPA 625 Pest AGT:1												
Endrin Ketone	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Heptachlor	ND	4.7	1.8	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Heptachlor Epoxide	ND	4.7	0.77	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Lindane (Gamma BHC)	ND	4.7	3.7	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Methoxychlor	ND	4.7	0.46	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
cis_Nonachlor	ND	47	1.6	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
o,p - DDD	ND	4.7	0.54	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
o,p - DDE	ND	4.7	0.35	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
o,p - DDT	ND	4.7	0.95	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
trans-Nonachlor	ND	47	1.2	ng/L	0.93458	U	625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
Tetrachloro-m-xylene‡	67.9	26-90		%	0.93458		625P	211614	09/27/16 17:00	625P	214450-GM210	10/01/16-02:14SG
TOC AVT:1'4												
TOC	1.52	0.5	0.15	mg/L	1		5310C	211516	09/26/16 13:10	5310C	214089-TC203	09/27/16-16:18AMM

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
H	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
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.
f	MS/MSD QC requirement met by BS/BSD due to limited sample volume.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE, (AVT) Amber VOA TFE-Cap, (VOA) VOA Preservatives: Monochloracetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

October 13, 2016

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

Description : MCWP-07D
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611294-006
Customer ID : 2-25173

Sampled On : September 22, 2016-08:30
Sampled By : Rincon
Received On : September 22, 2016-15:40
Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Radio Chemistry P:1											
Gross Alpha	12.0 ± 2.98	1.94	pCi/L	15	h	900.0	212000	10/05/16 09:40	900.0	214751-GP219	10/06/16-10:00caa
Gross Beta	2.92 ± 2.26	2.52	pCi/L	50	l	900.0	212000	10/05/16 09:40	900.0	214751-GP219	10/06/16-10:00caa
Strontium 90	1.02 ± 0.833	0.491	pCi/L	8		905.0	211855	10/03/16 18:00	905.0	214572-GP217	10/05/16-11:00caa
Total Alpha Radium (226)	0.223 ± 0.189	0.470	pCi/L	3		903.0	211720	09/28/16 18:30	903.0	214423-GP216	10/04/16-07:40caa
Tritium	87.8 ± 261	434	pCi/L	20000		906.0	211527	09/26/16 08:08	906.0	214017-LS201	09/27/16-13:00caa
Uranium	16.2 ± 2.79	0.300	pCi/L	20		908.0	211728	09/29/16 07:30	908.0	214335-GP220	09/30/16-17:08caa
Ra 228	0.000 ± 0.544	0.253	pCi/L	2		Ra - 05	211719	10/03/16 18:30	Ra - 05	214576-GP218	10/05/16-19:50caa

DQF Flags Definition:

h The MS/MSD did not meet QC criteria.

l The MS/MSD did not meet QC criteria.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic Preservatives: HNO3 pH < 2

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

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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.

October 13, 2016

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

Description : MCWP-MW06
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611294-016
Customer ID : 2-25173

Sampled On : September 21, 2016-15:10
Sampled By : Rincon
Received On : September 22, 2016-15:40
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 P:1												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-16:10JDD
Total Dissolved Solids (TFR)	1550	20	5.8	mg/L	1		2540CE	211570	09/26/16 15:48	2540C	213989-WT219	09/27/16-10:36CTL

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

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4,NH4OH

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October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dibromoethane(EDB)	504	09/27/16:211607SBL	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2487	97.6 %	70-130	
			LCS	ug/L	0.2514	102 %	70-130	
			MS	ug/L	0.2456	114 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.2400	106 %	70-130	
			MSRPD	ug/L	0.5632	8.9%	≤30	
			QMDL	ug/L	0.01984	127 %	60-140	
1,3-Dibromopropane	504	09/27/16:211607SBL	Blank	ug/L	0.5815	107 %	70-130	
			LCS	ug/L	0.5837	103 %	70-130	
			LCS	ug/L	0.5901	105 %	70-130	
			MS	ug/L	0.5764	106 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.5632	107 %	70-130	
			MSRPD	ug/L	0.5632	1.8%	≤30	
			QMDL	ug/L	0.5864	126 %	70-130	
DBCP	504	09/27/16:211607SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2487	79.8 %	70-130	
			LCS	ug/L	0.2514	84.2 %	70-130	
			MS	ug/L	0.2456	76.5 %	70-130	
		(STK1652078-001)	MSD	ug/L	0.2400	79.3 %	70-130	
			MSRPD	ug/L	0.5632	1.3%	≤30	
			QMDL	ug/L	0.01984	71.1 %	60-140	
13DBP	504.1	09/28/16:214053SBL	CCV	ug/L	9.975	113 %	70-130	
			CCV	ug/L	7.481	126 %	70-130	
			CCV	ug/L	9.975	112 %	70-130	
DBCP	504.1	09/28/16:214053SBL	CCV	ug/L	5.000	89.2 %	70-130	
			CCV	ug/L	2.000	88.0 %	70-130	
			CCV	ug/L	5.000	88.6 %	70-130	
EDB	504.1	09/28/16:214053SBL	CCV	ug/L	5.000	104 %	70-130	
			CCV	ug/L	2.000	101 %	70-130	
			CCV	ug/L	5.000	99.6 %	70-130	
Alachlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.2	
	505	09/27/16:213930SBL	CCV	ug/L	100.0	108 %	70-130	
			CCV	ug/L	150.0	93.5 %	70-130	
Aldrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.075	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	125 %	70-130	
			CCV	ug/L	15.00	98.6 %	70-130	
Chlordane	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
Dieldrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	90.2 %	70-130	
			CCV	ug/L	15.00	81.0 %	70-130	
Endrin	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	87.2 %	70-130	
			CCV	ug/L	15.00	81.3 %	70-130	
Heptachlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	15.00	93.7 %	70-130	
Heptachlor Epoxide	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	102 %	70-130	
			CCV	ug/L	15.00	104 %	70-130	
Hexachlorobenzene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.01	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	15.00	94.9 %	70-130	
Hexachlorocyclopentadiene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	109 %	70-130	
			CCV	ug/L	15.00	98.7 %	70-130	

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October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Lindane	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.05	
	505	09/27/16:213930SBL	CCV	ug/L	10.00	93.1 %	70-130	
			CCV	ug/L	15.00	84.7 %	70-130	
Methoxychlor	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.1	
	505	09/27/16:213930SBL	CCV	ug/L	50.00	97.1 %	70-130	
			CCV	ug/L	75.00	92.7 %	70-130	
PCB 1016/1242 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1242	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	09/26/16:211552JOM	Blank	ug/L	1.106	99.3 %	70-130	
			LCS	ug/L	1.142	99.4 %	70-130	
			MS	ug/L	1.196	103 %	N/A	
		(STK1651769-001)	MSD	ug/L	1.176	1.1 %	N/A	
			MSRPD	ug/L	1.176	196%	≤30.0	435
	505	09/27/16:213930SBL	CCV	ug/L	20.02	123 %	70-130	
			CCV	ug/L	30.03	100 %	70-130	
Toxaphene	505	09/26/16:211552JOM	Blank	ug/L		ND	<0.5	
Alachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	87.4 %	70-130	
			BS	ug/L	2.500	103 %	47-147	
			BSD	ug/L	2.500	87.3 %	47-147	
			BSRPD	ug/L	12.50	0.38	≤1	
	507	10/05/16:214531SG	CCV	ug/L	1000	94.4 %	80-120	
			CCV	ug/L	500.0	104 %	80-120	
Atrazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	101 %	70-130	
			BS	ug/L	2.500	86.5 %	52-154	
			BSD	ug/L	2.500	92.4 %	52-154	
			BSRPD	ug/L	12.50	0.15	≤0.5	
	507	10/05/16:214531SG	CCV	ug/L	1000	96.8 %	80-120	
			CCV	ug/L	500.0	101 %	80-120	
Bromacil	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	100 %	70-130	
			BS	ug/L	2.500	132 %	38-170	
			BSD	ug/L	2.500	99.6 %	38-170	
			BSRPD	ug/L	12.50	0.81	≤2	
	507	10/05/16:214531SG	CCV	ug/L	1000	110 %	80-120	
			CCV	ug/L	500.0	96.1 %	80-120	
Butachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	118 %	70-130	
			BS	ug/L	2.500	92.6 %	37-150	
			BSD	ug/L	2.500	111 %	37-150	
			BSRPD	ug/L	12.50	17.9%	≤53.8	
	507	10/05/16:214531SG	CCV	ug/L	1000	98.9 %	80-120	
			CCV	ug/L	500.0	117 %	80-120	
Cyanazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	105 %	70-130	
			BS	ug/L	2.500	119 %	41-152	
			BSD	ug/L	2.500	98.0 %	41-152	
			BSRPD	ug/L	12.50	19.5%	≤30	

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Cyanazine	507	10/05/16:214531SG	CCV	ug/L	1000	102 %	80-120	
			CCV	ug/L	500.0	115 %	80-120	
Diazinon	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	75.8 %	70-130	
			BS	ug/L	2.500	68.4 %	56-128	
			BSD	ug/L	2.500	68.4 %	56-128	
			BSRPD	ug/L	12.50	0.0019	≤2	
	507	10/05/16:214531SG	CCV	ug/L	1000	102 %	80-120	
			CCV	ug/L	500.0	97.5 %	80-120	
Dimethoate	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	106 %	70-130	
			BS	ug/L	2.500	88.7 %	49-168	
			BSD	ug/L	2.500	94.4 %	49-168	
			BSRPD	ug/L	12.50	0.14	≤2	
	507	10/05/16:214531SG	CCV	ug/L	1000	106 %	80-120	
			CCV	ug/L	500.0	102 %	80-120	
EPN/Triphenylphosphate	507	09/28/16:211665SG	Blank	ug/L	12.50	88.4 %	70-130	
			LCS	ug/L	12.50	94.3 %	70-130	
			BS	ug/L	12.50	82.0 %	70-130	
			BSD	ug/L	12.50	93.0 %	70-130	
			BSRPD	ug/L	12.50	12.6%	≤30	
Metolachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	116 %	70-130	
			BS	ug/L	2.500	80.4 %	45-154	
			BSD	ug/L	2.500	79.2 %	45-154	
			BSRPD	ug/L	12.50	0.031	≤1	
	507	10/05/16:214531SG	CCV	ug/L	1000	92.6 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
Metribuzin	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	101 %	70-130	
			BS	ug/L	2.500	76.0 %	30-169	
			BSD	ug/L	2.500	96.5 %	30-169	
			BSRPD	ug/L	12.50	0.51	≤0.5	410
	507	10/05/16:214531SG	CCV	ug/L	1000	93.3 %	80-120	
			CCV	ug/L	500.0	82.4 %	80-120	
Molinate	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	100 %	70-130	
			BS	ug/L	2.500	81.7 %	19-191	
			BSD	ug/L	2.500	80.3 %	19-191	
			BSRPD	ug/L	12.50	0.034	≤2	
	507	10/05/16:214531SG	CCV	ug/L	1000	91.1 %	80-120	
			CCV	ug/L	500.0	114 %	80-120	
Prometryne	507	09/28/16:211665SG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	103 %	70-130	
			BS	ug/L	2.500	89.2 %	44-152	
			BSD	ug/L	2.500	106 %	44-152	
			BSRPD	ug/L	12.50	0.43	≤2	
	507	10/05/16:214531SG	CCV	ug/L	1000	99.0 %	80-120	
			CCV	ug/L	500.0	97.0 %	80-120	
Propachlor	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	93.5 %	70-130	
			BS	ug/L	2.500	88.2 %	36-179	
			BSD	ug/L	2.500	101 %	36-179	
			BSRPD	ug/L	12.50	0.32	≤0.5	

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Propachlor	507	10/05/16:214531SG	CCV	ug/L	1000	88.8 %	80-120	
			CCV	ug/L	500.0	116 %	80-120	
Simazine	507	09/28/16:211665SG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	108 %	70-130	
			BS	ug/L	2.500	95.8 %	49-167	
			BSD	ug/L	2.500	102 %	49-167	
			BSRPD	ug/L	12.50	0.15	≤0.5	
	507	10/05/16:214531SG	CCV	ug/L	1000	99.0 %	80-120	
			CCV	ug/L	500.0	104 %	80-120	
Thiobencarb	507	09/28/16:211665SG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	102 %	70-130	
			BS	ug/L	2.500	76.2 %	50-148	
			BSD	ug/L	2.500	92.0 %	50-148	
			BSRPD	ug/L	12.50	0.40	≤1	
	507	10/05/16:214531SG	CCV	ug/L	1000	100 %	80-120	
			CCV	ug/L	500.0	96.8 %	80-120	
Triphenylphosphate	507	10/05/16:214531SG	CCV	ug/L	7501	117 %	80-120	
			CCV	ug/L	2500	114 %	80-120	
2,4,5-T	515.3	10/01/16:214256SG	CCV	ug/L	80.00	128 %	70-130	
			CCV	ug/L	40.00	123 %	70-130	
2,4,5-TP (Silvex)	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	129 %	70-130	
			MS	ug/L	4.000	123 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.15	≤1	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	126 %	70-130	
			CCV	ug/L	40.00	126 %	70-130	
2,4,5-Trichlorophenoxyacetic A	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	127 %	70-130	
			MS	ug/L	4.000	121 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	118 %	70-130	
			MSRPD	ug/L	20.00	0.11	≤1	
2,4-D	515.3	09/27/16:211634SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	129 %	70-130	
			MS	ug/L	8.000	119 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.089	≤2	
	515.3	10/01/16:214256SG	CCV	ug/L	160.0	128 %	70-130	
			CCV	ug/L	80.00	119 %	70-130	
2,4-DCAA	515.3	09/27/16:211634SG	Blank	ug/L	20.00	92.7 %	70-130	
			LCS	ug/L	20.00	107 %	70-130	
			MS	ug/L	20.00	96.5 %	N/A	
		(STK1652078-001)	MSD	ug/L	20.00	97.1 %	N/A	
			MSRPD	ug/L	20.00	0.6%	≤30.	
	515.3	10/01/16:214256SG	CCV	ug/L	400.0	103 %	70-130	
			CCV	ug/L	200.0	103 %	70-130	
Bentazon	515.3	09/27/16:211634SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	127 %	70-130	
			MS	ug/L	8.000	111 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	107 %	70-130	
			MSRPD	ug/L	20.00	0.31	≤2	
	515.3	10/01/16:214256SG	CCV	ug/L	160.0	115 %	70-130	
			CCV	ug/L	80.00	116 %	70-130	
Dalapon	515.3	09/27/16:211634SG	Blank	ug/L		ND	<10	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dalapon	515.3	09/27/16:211634SG	LCS	ug/L	52.00	83.1 %	70-130	
			MS	ug/L	52.00	103 %	70-130	
		(STK1652078-001)	MSD	ug/L	52.00	115 %	70-130	
			MSRPD	ug/L	20.00	10.5%	≤30.0	
	515.3	10/01/16:214256SG	CCV	ug/L	1040	98.2 %	70-130	
			CCV	ug/L	520.0	110 %	70-130	
Dicamba	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	122 %	70-130	
			MS	ug/L	4.000	116 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	114 %	70-130	
			MSRPD	ug/L	20.00	0.045	≤1	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	124 %	70-130	
			CCV	ug/L	40.00	115 %	70-130	
Dinoseb	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	128 %	70-130	
			MS	ug/L	8.000	115 %	70-130	
		(STK1652078-001)	MSD	ug/L	8.000	111 %	70-130	
			MSRPD	ug/L	20.00	3.1%	≤30.0	
	515.3	10/01/16:214256SG	CCV	ug/L	160.0	125 %	70-130	
			CCV	ug/L	80.00	126 %	70-130	
Pentachlorophenol	515.3	09/27/16:211634SG	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	130 %	70-130	
			MS	ug/L	4.000	115 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	113 %	70-130	
			MSRPD	ug/L	20.00	1.7%	≤30.0	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	125 %	70-130	
			CCV	ug/L	40.00	121 %	70-130	
Picloram	515.3	09/27/16:211634SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	117 %	70-130	
			MS	ug/L	4.000	109 %	70-130	
		(STK1652078-001)	MSD	ug/L	4.000	110 %	70-130	
			MSRPD	ug/L	20.00	0.043	≤1	
	515.3	10/01/16:214256SG	CCV	ug/L	80.00	123 %	70-130	
			CCV	ug/L	40.00	106 %	70-130	
1,1,1,2-Tetrachloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.4 %	12-178	
		(SP 1611120-001)	MSD	ug/L	10.00	95.4 %	12-178	
			MSRPD	ug/L	10.00	3.2%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	94.6 %	70-130	
1,1,1-Trichloroethane(TCA)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	102 %	9-176	
		(SP 1611120-001)	MSD	ug/L	10.00	107 %	9-176	
			MSRPD	ug/L	10.00	5.0%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.5 %	70-130	
1,1,2,2-Tetrachloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.9 %	23-180	
		(SP 1611120-001)	MSD	ug/L	10.00	102 %	23-180	
			MSRPD	ug/L	10.00	4.9%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	104 %	70-130	
1,1,2-Trichloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.0 %	25-173	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	25-173	
			MSRPD	ug/L	10.00	4.5%	≤29	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	105 %	70-130	

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Quality Control - Organic

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Organic								
1,1-Dichloroethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.9 %	15-161	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	15-161	
			MSRPD	ug/L	10.00	5.8%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.4 %	70-130	
1,1-Dichloroethylene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.2 %	0-162	
		(SP 1611120-001)	MSD	ug/L	10.00	95.8 %	0-162	
			MSRPD	ug/L	10.00	8.2%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.0 %	70-130	
1,1-Dichloropropene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	101 %	0-171	
		(SP 1611120-001)	MSD	ug/L	10.00	110 %	0-171	
			MSRPD	ug/L	10.00	8.1%	≤31	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	96.9 %	70-130	
1,2,3-Trichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.8 %	14-181	
		(SP 1611120-001)	MSD	ug/L	10.00	92.0 %	14-181	
			MSRPD	ug/L	10.00	1.2%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	101 %	70-130	
1,2,4-Trichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.0 %	10-180	
		(SP 1611120-001)	MSD	ug/L	10.00	87.5 %	10-180	
			MSRPD	ug/L	10.00	1.8%	≤32	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	91.3 %	70-130	
1,2,4-Trimethylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.4 %	2-192	
		(SP 1611120-001)	MSD	ug/L	10.00	89.9 %	2-192	
			MSRPD	ug/L	10.00	7.5%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	90.4 %	70-130	
1,2-Dichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.1 %	13-191	
		(SP 1611120-001)	MSD	ug/L	10.00	98.6 %	13-191	
			MSRPD	ug/L	10.00	5.8%	≤35	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.3 %	70-130	
1,2-Dichlorobenzene-d4	524.2	09/22/16:211610VRG	Blank	ug/L	10.00	93.4 %	70-130	
			MS	ug/L	10.00	104 %	70-130	
		(SP 1611120-001)	MSD	ug/L	10.00	105 %	70-130	
			MSRPD	ug/L	10.00	1.0%	≤20	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	102 %	70-130	
1,2-Dichloroethane (EDC)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.0 %	18-162	
		(SP 1611120-001)	MSD	ug/L	10.00	102 %	18-162	
			MSRPD	ug/L	10.00	4.0%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	104 %	70-130	
1,2-Dichloropropane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.5 %	10-163	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	10-163	
			MSRPD	ug/L	10.00	5.4%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.8 %	70-130	
1,3,5-Trimethylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.3 %	0-210	
		(SP 1611120-001)	MSD	ug/L	10.00	93.7 %	0-210	
			MSRPD	ug/L	10.00	5.9%	≤40	

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Quality Control - Organic

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Organic								
1,3,5-Trimethylbenzene	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	89.8 %	70-130	
1,3-Dichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.3 %	17-182	
		(SP 1611120-001)	MSD	ug/L	10.00	100 %	17-182	
			MSRPD	ug/L	10.00	5.3%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.4 %	70-130	
1,3-Dichloropropane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	102 %	0-178	
		(SP 1611120-001)	MSD	ug/L	10.00	108 %	0-178	
			MSRPD	ug/L	10.00	5.7%	≤29	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	110 %	70-130	
1,4-Dichlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.2 %	19-183	
		(SP 1611120-001)	MSD	ug/L	10.00	104 %	19-183	
			MSRPD	ug/L	10.00	5.8%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	103 %	70-130	
2,2-Dichloropropane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.1 %	0-288	
		(SP 1611120-001)	MSD	ug/L	10.00	91.5 %	0-288	
			MSRPD	ug/L	10.00	3.8%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	85.9 %	70-130	
2-Chlorotoluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	17-180	
		(SP 1611120-001)	MSD	ug/L	10.00	111 %	17-180	
			MSRPD	ug/L	10.00	5.9%	≤38	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	105 %	70-130	
4-Bromofluorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L	10.00	99.6 %	70-130	
			MS	ug/L	10.00	121 %	70-130	
		(SP 1611120-001)	MSD	ug/L	10.00	120 %	70-130	
			MSRPD	ug/L	10.00	0.9%	≤30	
4-Bromofluorobenzene (BFB)	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	116 %	70-130	
4-Chlorotoluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.4 %	11-177	
		(SP 1611120-001)	MSD	ug/L	10.00	96.7 %	11-177	
			MSRPD	ug/L	10.00	5.6%	≤41	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	93.3 %	70-130	
Benzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.9 %	12-158	
		(SP 1611120-001)	MSD	ug/L	10.00	103 %	12-158	
			MSRPD	ug/L	10.00	5.3%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	97.6 %	70-130	
Bromobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.3 %	23-177	
		(SP 1611120-001)	MSD	ug/L	10.00	99.4 %	23-177	
			MSRPD	ug/L	10.00	5.3%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	99.4 %	70-130	
Bromochloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.6 %	4-186	
		(SP 1611120-001)	MSD	ug/L	10.00	96.5 %	4-186	
			MSRPD	ug/L	10.00	4.1%	≤30	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.5 %	70-130	
Bromodichloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	11-164	
		(SP 1611120-001)	MSD	ug/L	10.00	118 %	11-164	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Bromodichloromethane	524.2	09/22/16:211610VRG	MSRPD	ug/L	10.00	6.1%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	116 %	70-130	
Bromoform	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	145 %	0-235	
		(SP 1611120-001)	MSD	ug/L	10.00	147 %	0-235	
			MSRPD	ug/L	10.00	1.3%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	152 %	70-130	360
Bromomethane (Methyl Bromide)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	28.7 %	0-196	
		(SP 1611120-001)	MSD	ug/L	40.00	30.3 %	0-196	
			MSRPD	ug/L	10.00	5.7%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	171 %	70-130	360
Carbon Tetrachloride	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.4 %	5-175	
		(SP 1611120-001)	MSD	ug/L	10.00	104 %	5-175	
			MSRPD	ug/L	10.00	5.4%	≤32	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	94.9 %	70-130	
Chlorobenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.4 %	14-175	
		(SP 1611120-001)	MSD	ug/L	10.00	99.6 %	14-175	
			MSRPD	ug/L	10.00	6.5%	≤35	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	96.5 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	23.7 %	0-184	
		(SP 1611120-001)	MSD	ug/L	40.00	25.4 %	0-184	
			MSRPD	ug/L	10.00	6.9%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	134 %	70-130	360
Chloroform	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	99.8 %	15-163	
		(SP 1611120-001)	MSD	ug/L	10.00	105 %	15-163	
			MSRPD	ug/L	10.00	4.6%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	103 %	70-130	
Chloromethane(Methyl Chloride)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	32.6 %	0-224	
		(SP 1611120-001)	MSD	ug/L	40.00	35.6 %	0-224	
			MSRPD	ug/L	10.00	8.9%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	199 %	70-130	360
cis-1,2-Dichloroethylene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.7 %	16-172	
		(SP 1611120-001)	MSD	ug/L	10.00	102 %	16-172	
			MSRPD	ug/L	10.00	6.9%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.5 %	70-130	
cis-1,3-Dichloropropene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	99.9 %	5-158	
		(SP 1611120-001)	MSD	ug/L	10.00	106 %	5-158	
			MSRPD	ug/L	10.00	6.1%	≤38	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	101 %	70-130	
Dibromochloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	1-180	
		(SP 1611120-001)	MSD	ug/L	10.00	133 %	1-180	
			MSRPD	ug/L	10.00	3.8%	≤34	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	136 %	70-130	360
Dibromomethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.0 %	11-168	

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Quality Control - Organic

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Organic								
Dibromomethane	524.2	(SP 1611120-001)	MSD	ug/L	10.00	100 %	11-168	
			MSRPD	ug/L	10.00	4.1%	≤28	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	104 %	70-130	
Dichlorodifluoromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	24.6 %	0-334	
		(SP 1611120-001)	MSD	ug/L	40.00	26.3 %	0-334	
			MSRPD	ug/L	10.00	6.6%	≤39	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	143 %	70-130	360
Dichloromethane	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.6 %	20-157	
		(SP 1611120-001)	MSD	ug/L	10.00	96.1 %	20-157	
			MSRPD	ug/L	10.00	3.6%	≤36	
Ethyl tert-Butyl Ether	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	145 %	11-165	
		(SP 1611120-001)	MSD	ug/L	10.00	157 %	11-165	
			MSRPD	ug/L	10.00	7.5%	≤4	435
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	156 %	70-130	360
Ethylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.2 %	9-174	
		(SP 1611120-001)	MSD	ug/L	10.00	90.1 %	9-174	
			MSRPD	ug/L	10.00	6.7%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	85.3 %	70-130	
Freon-11	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	30.3 %	0-232	
		(SP 1611120-001)	MSD	ug/L	40.00	33.2 %	0-232	
			MSRPD	ug/L	10.00	9.1%	≤35	
Hexachlorobutadiene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.6 %	14-200	
		(SP 1611120-001)	MSD	ug/L	10.00	87.2 %	14-200	
			MSRPD	ug/L	10.00	0.7%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	87.7 %	70-130	
Isopropyl Ether	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	110 %	8-165	
		(SP 1611120-001)	MSD	ug/L	10.00	119 %	8-165	
			MSRPD	ug/L	10.00	0.86	≤3	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	129 %	70-130	
Isopropylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.9 %	4-159	
		(SP 1611120-001)	MSD	ug/L	10.00	92.1 %	4-159	
			MSRPD	ug/L	10.00	5.8%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	83.9 %	70-130	
Methyl tert-Butyl Ether	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	150 %	70-130	360
Methyl tert-Butyl Ether (MTBE)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	141 %	11-168	
		(SP 1611120-001)	MSD	ug/L	10.00	152 %	11-168	
			MSRPD	ug/L	10.00	7.2%	≤29	
Methylene Chloride	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	100 %	70-130	
Naphthalene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.9 %	0-189	
		(SP 1611120-001)	MSD	ug/L	10.00	79.0 %	0-189	
			MSRPD	ug/L	10.00	1.3%	≤32	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.5 %	70-130	
n-Butylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.0 %	4-186	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
n-Butylbenzene	524.2	(SP 1611120-001)	MSD	ug/L	10.00	93.2 %	4-186	
			MSRPD	ug/L	10.00	5.8%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	88.6 %	70-130	
n-Propylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.3 %	0-174	
		(SP 1611120-001)	MSD	ug/L	10.00	95.4 %	0-174	
			MSRPD	ug/L	10.00	6.6%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	87.3 %	70-130	
p-Isopropyltoluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.6 %	0-193	
		(SP 1611120-001)	MSD	ug/L	10.00	92.9 %	0-193	
			MSRPD	ug/L	10.00	5.8%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	87.3 %	70-130	
sec-Butylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.7 %	0-177	
		(SP 1611120-001)	MSD	ug/L	10.00	94.3 %	0-177	
			MSRPD	ug/L	10.00	5.0%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.8 %	70-130	
Styrene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.9 %	0-198	
		(SP 1611120-001)	MSD	ug/L	10.00	79.4 %	0-198	
			MSRPD	ug/L	10.00	7.2%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	83.9 %	70-130	
TAME	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	171 %	15-162	435
		(SP 1611120-001)	MSD	ug/L	10.00	185 %	15-162	435
			MSRPD	ug/L	10.00	7.7%	≤3	435
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	182 %	70-130	360
tert-Butylbenzene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.2 %	9-179	
		(SP 1611120-001)	MSD	ug/L	10.00	92.0 %	9-179	
			MSRPD	ug/L	10.00	5.3%	≤38	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	84.1 %	30-130	
Tetrachloroethylene (PCE)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.7 %	14-186	
		(SP 1611120-001)	MSD	ug/L	10.00	101 %	14-186	
			MSRPD	ug/L	10.00	5.5%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	92.4 %	70-130	
Toluene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.3 %	3-174	
		(SP 1611120-001)	MSD	ug/L	10.00	101 %	3-174	
			MSRPD	ug/L	10.00	7.7%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	102 %	30-130	
trans-1,2-Dichloroethylene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.2 %	5-165	
		(SP 1611120-001)	MSD	ug/L	10.00	95.1 %	5-165	
			MSRPD	ug/L	10.00	5.4%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	89.8 %	70-130	
trans-1,3-Dichloropropene	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.9 %	0-169	
		(SP 1611120-001)	MSD	ug/L	10.00	97.6 %	0-169	
			MSRPD	ug/L	10.00	6.0%	≤31	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	98.8 %	70-130	
Trichloroethylene (TCE)	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

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Organic								
Trichloroethylene (TCE)	524.2		MS	ug/L	10.00	93.1 %	11-167	
		(SP 1611120-001)	MSD	ug/L	10.00	98.9 %	11-167	
			MSRPD	ug/L	10.00	6.1%	≤35	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	90.1 %	70-130	
Trichlorofluoromethane F-11	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	161 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.3 %	0-183	
		(SP 1611120-001)	MSD	ug/L	10.00	94.4 %	0-183	
			MSRPD	ug/L	10.00	6.7%	≤33	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.6 %	70-130	
Vinyl Chloride	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	40.00	35.8 %	0-208	
		(SP 1611120-001)	MSD	ug/L	40.00	40.1 %	0-208	
			MSRPD	ug/L	10.00	11.4%	≤40	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	208 %	30-130	360
Xylenes m,p	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	88.0 %	0-193	
		(SP 1611120-001)	MSD	ug/L	20.00	93.6 %	0-193	
			MSRPD	ug/L	10.00	6.2%	≤37	
	524.2	09/23/16:214001VRG	CCV	ug/L	20.00	89.3 %	70-130	
Xylenes o	524.2	09/22/16:211610VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.7 %	0-188	
		(SP 1611120-001)	MSD	ug/L	10.00	90.6 %	0-188	
			MSRPD	ug/L	10.00	6.8%	≤36	
	524.2	09/23/16:214001VRG	CCV	ug/L	10.00	86.0 %	70-130	
3-Hydroxycarbofuran	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	82.8 %	80-120	
			MS	ug/L	20.00	93.2 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	81.6 %	65-135	
			MSRPD	ug/L	20.00	13.3%	≤16.8	
	531.1	09/29/16:214102SG	CCV	ug/L	20.00	89.8 %	80-120	
			CCV	ug/L	10.00	93.9 %	80-120	
Aldicarb	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	93.0 %	80-120	
			MS	ug/L	20.00	92.4 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	84.2 %	65-135	
			MSRPD	ug/L	20.00	9.3%	≤11.2	
	531.1	09/29/16:214102SG	CCV	ug/L	20.00	89.8 %	80-120	
			CCV	ug/L	10.00	110 %	80-120	
Aldicarb Sulfone	531.1	09/29/16:214102SG	CCV	ug/L	20.00	107 %	80-120	
			CCV	ug/L	10.00	112 %	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	09/28/16:211702SG	Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	110 %	80-120	
			LCS	ug/L	20.00	107 %	80-120	
			MS	ug/L	20.00	110 %	65-135	
			MS	ug/L	20.00	95.4 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	104 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	87.8 %	65-135	
			MSRPD	ug/L	20.00	22.7%	≤13.8	435
			MSRPD	ug/L	20.00	8.3%	≤7.28	435
Aldicarb Sulfoxide	531.1	09/29/16:214102SG	CCV	ug/L	20.00	88.0 %	80-120	
			CCV	ug/L	10.00	88.9 %	80-120	
Carbaryl	531.1	09/29/16:214102SG	CCV	ug/L	20.00	83.1 %	80-120	

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Quality Control - Organic

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Organic								
Carbaryl	531.1	09/29/16:214102SG	CCV	ug/L	10.00	89.8 %	80-120	
Carbaryl/Naphthol	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	85.3 %	80-120	
			MS	ug/L	20.00	86.8 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	85.7 %	65-135	
			MSRPD	ug/L	20.00	0.21	≤5	
Carbofuran	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	84.0 %	80-120	
			MS	ug/L	20.00	90.8 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	97.2 %	65-135	
			MSRPD	ug/L	20.00	1.3	≤5	
	531.1	09/29/16:214102SG	CCV	ug/L	20.00	86.6 %	80-120	
			CCV	ug/L	10.00	108 %	80-120	
Methomyl	531.1	09/28/16:211702SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	88.1 %	80-120	
			MS	ug/L	20.00	103 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	87.0 %	65-135	
			MSRPD	ug/L	20.00	16.5%	≤53.1	
	531.1	09/29/16:214102SG	CCV	ug/L	20.00	114 %	80-120	
			CCV	ug/L	10.00	104 %	80-120	
Oxamyl	531.1	09/28/16:211702SG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	89.6 %	65-135	
		(STK1651142-001)	MSD	ug/L	20.00	129 %	65-135	
			MSRPD	ug/L	20.00	7.8	≤5	435
	531.1	09/29/16:214102SG	CCV	ug/L	20.00	93.0 %	80-120	
			CCV	ug/L	10.00	116 %	80-120	
TOC	5310C	09/26/16:211516AMM	Blank	mg/L		ND	<0.3	
			BS	mg/L	15.00	111 %	75-125	
			BSD	mg/L	15.00	110 %	75-125	
			BSRPD	mg/L	15.00	1.5%	≤23.0	
	5310C	09/27/16:214089AMM	CCV	ppm	15.00	111 %	67-122	
			CCV	ppm	15.00	110 %	67-122	
Glyphosate	547	09/29/16:211782SG	Blank	ug/L		ND	<20	
			LCS	ug/L	200.0	85.0 %	71-129	
			MS	ug/L	200.0	85.1 %	56-139	
		(SP 1611294-005)	MSD	ug/L	200.0	84.3 %	56-139	
			MSRPD	ug/L	200.0	1.0%	≤15	
	547	09/30/16:214211SG	CCV	ug/L	200.0	86.6 %	80-120	
			CCV	ug/L	100.0	88.4 %	80-120	
Endothall	548.1	09/27/16:211622SG	Blank	ug/L		ND	<40	
			LCS	ug/L	66.67	72.5 %	30-96	
			MS	ug/L	66.67	65.1 %	15-87	
		(STK1652078-001)	MSD	ug/L	66.67	65.3 %	15-87	
			MSRPD	ug/L	66.67	0.14	≤40	
	548.1	10/07/16:214670SG	CCV	ug/L	1000	93.6 %	70-130	
			CCV	ug/L	2500	102 %	70-130	
Diquat Dibromide	549	09/22/16:211450SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	60.4 %	34-114	
			MS	ug/L	20.00	49.1 %	0-86	
		(SP 1611142-001)	MSD	ug/L	20.00	48.7 %	0-86	
			MSRPD	ug/L	20.00	0.061	≤2	
	549.2	09/23/16:213932SG	CCV	ug/L	500.0	86.8 %	80-120	
			CCV	ug/L	1000	90.0 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2,3-Dibromopropionic Acid	552	09/28/16:211687SBL	Blank	ug/L	5.000	91.5 %	70-130	
			LCS	ug/L	5.000	99.5 %	70-130	
			MS	ug/L	5.000	126 %	70-130	
		(SP 1611204-001)	MSD	ug/L	5.000	124 %	70-130	
			MSRPD	ug/L	5.000	2.2%	≤20.0	
Dibromoacetic Acid	552	09/28/16:211687SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	115 %	70-130	
			MS	ug/L	10.00	97.6 %	70-130	
		(SP 1611204-001)	MSD	ug/L	10.00	123 %	70-130	
			MSRPD	ug/L	5.000	17.2%	≤20.0	
Dichloroacetic Acid	552	09/28/16:211687SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	117 %	70-130	
			MS	ug/L	10.00	99.2 %	70-130	
		(SP 1611204-001)	MSD	ug/L	10.00	123 %	70-130	
			MSRPD	ug/L	5.000	18.3%	≤20.0	
Monobromoacetic Acid	552	09/28/16:211687SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	110 %	70-130	
			MS	ug/L	10.00	101 %	70-130	
		(SP 1611204-001)	MSD	ug/L	10.00	106 %	70-130	
			MSRPD	ug/L	5.000	4.8%	≤20.0	
Monochloroacetic Acid	552	09/28/16:211687SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	119 %	70-130	
			MS	ug/L	10.00	108 %	70-130	
		(SP 1611204-001)	MSD	ug/L	10.00	114 %	70-130	
			MSRPD	ug/L	5.000	5.8%	≤20.0	
Trichloroacetic Acid	552	09/28/16:211687SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	95.6 %	70-130	
			MS	ug/L	10.00	74.4 %	70-130	
		(SP 1611204-001)	MSD	ug/L	10.00	99.5 %	70-130	
			MSRPD	ug/L	5.000	26.6%	≤20.0	435
2,3-Dibromopropionic Acid	552.2	09/29/16:214149SBL	CCV	ug/L	50.00	106 %	70-130	
			CCV	ug/L	75.00	98.8 %	70-130	
Dibromoacetic Acid	552.2	09/29/16:214149SBL	CCV	ug/L	100.0	118 %	70-130	
			CCV	ug/L	150.0	130 %	70-130	
Dichloroacetic Acid	552.2	09/29/16:214149SBL	CCV	ug/L	100.0	126 %	70-130	
			CCV	ug/L	150.0	130 %	70-130	
Monobromoacetic Acid	552.2	09/29/16:214149SBL	CCV	ug/L	100.0	118 %	70-130	
			CCV	ug/L	150.0	121 %	70-130	
Monochloroacetic Acid	552.2	09/29/16:214149SBL	CCV	ug/L	100.0	129 %	70-130	
			CCV	ug/L	150.0	127 %	70-130	
Trichloroacetic Acid	552.2	09/29/16:214149SBL	CCV	ug/L	100.0	101 %	70-130	
			CCV	ug/L	150.0	113 %	70-130	
Chlordane	608	09/27/16:211539JOM	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	09/27/16:211539JOM	Blank	ug/L	0.5005	35.5 %	15-143	
			LCS	ug/L	0.5005	46.0 %	15-143	
			BS	ug/L	0.5005	61.2 %	26-141	
			BSD	ug/L	0.5005	71.8 %	26-141	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Tetrachloro-m-xylene	608	09/27/16:211539JOM	BSRPD	ug/L	0.5005	16.0%	≤29	
	608	09/29/16:214106SBL	CCV	ug/L	50.05	108 %	85-115	
			CCV	ug/L	100.1	103 %	85-115	
Toxaphene	608	09/27/16:211539JOM	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.6 %	66-191	
		(SP 1611120-009)	MSD	ug/L	10.00	98.4 %	66-191	
			MSRPD	ug/L	10.00	0.8%	≤21	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	86.3 %	75-125	
1,1,2,2-Tetrachloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	30-180	
		(SP 1611120-009)	MSD	ug/L	10.00	119 %	30-180	
			MSRPD	ug/L	10.00	1.6%	≤19	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	105 %	60-140	
1,1,2-Trichloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	50-146	
		(SP 1611120-009)	MSD	ug/L	10.00	123 %	50-146	
			MSRPD	ug/L	10.00	7.5%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	104 %	71-129	
1,1-Dichloroethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	63-159	
		(SP 1611120-009)	MSD	ug/L	10.00	147 %	63-159	
			MSRPD	ug/L	10.00	0.3%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	129 %	72-128	360
1,1-Dichloroethylene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	107 %	0-279	
		(SP 1611120-009)	MSD	ug/L	10.00	113 %	0-279	
			MSRPD	ug/L	10.00	5.3%	≤36	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	102 %	51-150	
1,2-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	149 %	57-153	
		(SP 1611120-009)	MSD	ug/L	10.00	146 %	57-153	
			MSRPD	ug/L	10.00	1.6%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	127 %	63-137	
1,2-Dichloroethane (EDC)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	56-158	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	56-158	
			MSRPD	ug/L	10.00	7.0%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	101 %	68-132	
1,2-Dichloropropane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	55-152	
		(SP 1611120-009)	MSD	ug/L	10.00	126 %	55-152	
			MSRPD	ug/L	10.00	1.9%	≤23	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	114 %	34-166	
1,3-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	150 %	53-159	
		(SP 1611120-009)	MSD	ug/L	10.00	153 %	53-159	
			MSRPD	ug/L	10.00	1.7%	≤28	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	127 %	73-127	
1,4-Dichlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	159 %	53-161	
		(SP 1611120-009)	MSD	ug/L	10.00	158 %	53-161	
			MSRPD	ug/L	10.00	0.7%	≤27	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	138 %	63-137	360

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Butanone (MEK)	624	09/22/16:211564VRG	Blank	ug/L		ND	<40	
			MS	ug/L	100.0	39.9 %	0-211	
		(SP 1611120-009)	MSD	ug/L	100.0	43.9 %	0-211	
			MSRPD	ug/L	10.00	4.1	≤40	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	49.1 %	20-230	
2-Chloroethylvinyl ether	624	09/22/16:211564VRG	Blank	ug/L		ND	<1	
			MS	ug/L	100.0	79.6 %	0-11	435
		(SP 1611120-009)	MSD	ug/L	100.0	80.4 %	0-11	435
			MSRPD	ug/L	10.00	0.9%	≤3	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	93.7 %	10-224	
2-Hexanone	624	09/22/16:211564VRG	Blank	ug/L		ND	<30	
			MS	ug/L	100.0	40.3 %	0-190	
		(SP 1611120-009)	MSD	ug/L	100.0	40.4 %	0-190	
			MSRPD	ug/L	10.00	0.074	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	52.1 %	20-283	
4-Bromofluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	100 %	70-161	
			MS	ug/L	10.00	101 %	58-151	
		(SP 1611120-009)	MSD	ug/L	10.00	93.6 %	58-151	
			MSRPD	ug/L	10.00	8.1%	≤14	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	97.4 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	09/22/16:211564VRG	Blank	ug/L		ND	<30	
			MS	ug/L	100.0	48.0 %	0-194	
		(SP 1611120-009)	MSD	ug/L	100.0	51.5 %	0-194	
			MSRPD	ug/L	10.00	3.5	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	61.1 %	20-233	
Acetone	624	09/22/16:211564VRG	Blank	ug/L		ND	<25	
			MS	ug/L	100.0	61.9 %	0-270	
		(SP 1611120-009)	MSD	ug/L	100.0	62.0 %	0-270	
			MSRPD	ug/L	10.00	0.069	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	105 %	20-367	
Acrolein	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	200.0	102 %	0-171	
		(SP 1611120-009)	MSD	ug/L	200.0	119 %	0-171	
			MSRPD	ug/L	10.00	15.8%	≤50	
	624	09/22/16:213938VRG	CCV	ug/L	200.0	85.7 %	20-209	
Acrylonitrile	624	09/22/16:211564VRG	Blank	ug/L		ND	<2	
			MS	ug/L	200.0	147 %	0-244	
		(SP 1611120-009)	MSD	ug/L	200.0	150 %	0-244	
			MSRPD	ug/L	10.00	2.3%	≤47	
	624	09/22/16:213938VRG	CCV	ug/L	200.0	108 %	20-278	
Benzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	112 %	65-155	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	65-155	
			MSRPD	ug/L	10.00	0.6%	≤21	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	99.2 %	64-136	
Bromodichloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	62-150	
		(SP 1611120-009)	MSD	ug/L	10.00	131 %	62-150	
			MSRPD	ug/L	10.00	1.4%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	110 %	65-135	
Bromoform	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	64-150	
		(SP 1611120-009)	MSD	ug/L	10.00	138 %	64-150	
			MSRPD	ug/L	10.00	6.3%	≤16	

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Organic								
Bromoform	624	09/22/16:213938VRG	CCV	ug/L	10.00	132 %	71-129	360
Bromomethane (Methyl Bromide)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	272 %	48-196	435
		(SP 1611120-009)	MSD	ug/L	10.00	279 %	48-196	435
			MSRPD	ug/L	10.00	2.5%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	224 %	14-186	360
Carbon Disulfide	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	100.0	82.8 %	0-230	
		(SP 1611120-009)	MSD	ug/L	100.0	82.5 %	0-230	
			MSRPD	ug/L	10.00	0.4%	≤72	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	103 %	20-242	
Carbon Tetrachloride	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	69-206	
		(SP 1611120-009)	MSD	ug/L	10.00	104 %	69-206	
			MSRPD	ug/L	10.00	0.7%	≤19	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	99.0 %	73-127	
Chlorobenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	123 %	69-152	
		(SP 1611120-009)	MSD	ug/L	10.00	124 %	69-152	
			MSRPD	ug/L	10.00	1.0%	≤24	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	108 %	66-134	
Chloroethane (Ethyl Chloride)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	170 %	53-214	
		(SP 1611120-009)	MSD	ug/L	10.00	168 %	53-214	
			MSRPD	ug/L	10.00	1.0%	≤32	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	136 %	38-162	
Chloroform	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	55-155	
		(SP 1611120-009)	MSD	ug/L	10.00	111 %	55-155	
			MSRPD	ug/L	10.00	0.9%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	104 %	67-133	
Chloromethane(Methyl Chloride)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	232 %	33-202	435
		(SP 1611120-009)	MSD	ug/L	10.00	253 %	33-202	435
			MSRPD	ug/L	10.00	8.8%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	265 %	0-204	360
cis-1,3-Dichloropropene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	59-142	
		(SP 1611120-009)	MSD	ug/L	10.00	131 %	59-142	
			MSRPD	ug/L	10.00	1.9%	≤23	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	116 %	24-176	
Dibromochloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	53-151	
		(SP 1611120-009)	MSD	ug/L	10.00	124 %	53-151	
			MSRPD	ug/L	10.00	2.9%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	116 %	67-133	
Dichloromethane	624	09/22/16:211564VRG	Blank	ug/L		ND	<2	
			MS	ug/L	10.00	143 %	24-207	
		(SP 1611120-009)	MSD	ug/L	10.00	148 %	24-207	
			MSRPD	ug/L	10.00	2.8%	≤33	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	128 %	60-139	
Ethylbenzene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	170 %	45-194	
		(SP 1611120-009)	MSD	ug/L	10.00	151 %	45-194	

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Quality Control - Organic

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Organic								
Ethylbenzene	624	09/22/16:211564VRG	MSRPD	ug/L	10.00	11.7%	≤31	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	132 %	59-141	
Fluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	96.7 %	72-139	
			MS	ug/L	10.00	101 %	90-121	
		(SP 1611120-009)	MSD	ug/L	10.00	95.4 %	90-121	
			MSRPD	ug/L	10.00	5.9%	≤3	435
	624	09/22/16:213938VRG	CCV	ug/L	10.00	94.6 %	70-130	
Freon-11	624	09/22/16:211564VRG	Blank	ug/L		ND	<2.0	
			MS	ug/L	10.00	165 %	57-259	
		(SP 1611120-009)	MSD	ug/L	10.00	169 %	57-259	
			MSRPD	ug/L	10.00	1.9%	≤27	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	117 %	48-152	
Methyl tert-Butyl Ether (MTBE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<5	
			MS	ug/L	10.00	151 %	26-210	
		(SP 1611120-009)	MSD	ug/L	10.00	150 %	26-210	
			MSRPD	ug/L	10.00	0.13	≤5	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	135 %	63-178	
Pentafluorobenzene	624	09/22/16:211564VRG	Blank	ug/L	10.00	70.3 %	59-151	
			MS	ug/L	10.00	73.9 %	74-148	
		(SP 1611120-009)	MSD	ug/L	10.00	76.1 %	74-148	
			MSRPD	ug/L	10.00	2.9%	≤10	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	76.7 %	70-130	
Styrene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	169 %	6-195	
		(SP 1611120-009)	MSD	ug/L	10.00	153 %	6-195	
			MSRPD	ug/L	10.00	9.9%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	133 %	67-158	
Tetrachloroethylene (PCE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	105 %	63-171	
		(SP 1611120-009)	MSD	ug/L	10.00	105 %	63-171	
			MSRPD	ug/L	10.00	0.6%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	90.9 %	73-127	
Toluene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	65-160	
		(SP 1611120-009)	MSD	ug/L	10.00	112 %	65-160	
			MSRPD	ug/L	10.00	1.2%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	101 %	74-126	
trans-1,2-Dichloroethylene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	68-179	
		(SP 1611120-009)	MSD	ug/L	10.00	132 %	68-179	
			MSRPD	ug/L	10.00	2.3%	≤51	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	112 %	69-131	
trans-1,3-Dichloropropene	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	55-148	
		(SP 1611120-009)	MSD	ug/L	10.00	136 %	55-148	
			MSRPD	ug/L	10.00	1.0%	≤25	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	121 %	50-150	
Trichloroethylene (TCE)	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	54-178	
		(SP 1611120-009)	MSD	ug/L	10.00	106 %	54-178	
			MSRPD	ug/L	10.00	9.7%	≤22	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	98.9 %	66-134	
Vinyl Acetate	624	09/22/16:211564VRG	Blank	ug/L		ND	<10	
			MS	ug/L	100.0	102 %	0-331	

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Organic								
Vinyl Acetate	624	(SP 1611120-009)	MSD	ug/L	100.0	107 %	0-331	
			MSRPD	ug/L	10.00	4.1%	≤44	
	624	09/22/16:213938VRG	CCV	ug/L	80.00	116 %	20-393	
Vinyl Chloride	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	230 %	32-217	435
		(SP 1611120-009)	MSD	ug/L	10.00	250 %	32-217	435
			MSRPD	ug/L	10.00	8.4%	≤26	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	171 %	4-196	
Xylenes m,p	624	09/22/16:211564VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	20.00	166 %	50-181	
		(SP 1611120-009)	MSD	ug/L	20.00	147 %	50-181	
			MSRPD	ug/L	10.00	12.3%	≤30	
	624	09/22/16:213938VRG	CCV	ug/L	20.00	129 %	45-170	
Xylenes o	624	09/22/16:211564VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	174 %	38-182	
		(SP 1611120-009)	MSD	ug/L	10.00	157 %	38-182	
			MSRPD	ug/L	10.00	10.1%	≤29	
	624	09/22/16:213938VRG	CCV	ug/L	10.00	137 %	63-163	
1,2,4-Trichlorobenzene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	98.9 %	36-79	310
			BS	ug/L	20.00	60.8 %	20-89	
			BSD	ug/L	20.00	59.9 %	20-89	
			BSRPD	ug/L	20.00	1.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	91.4 %	80-120	
1,2-Dichlorobenzene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.5 %	32-75	310
			BS	ug/L	20.00	67.7 %	18-83	
			BSD	ug/L	20.00	55.8 %	18-83	
			BSRPD	ug/L	20.00	19.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	104 %	80-120	
1,2-Diphenylhydrazine	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	92.5 %	63-89	310
			BS	ug/L	20.00	84.0 %	25-125	
			BSD	ug/L	20.00	86.8 %	25-125	
			BSRPD	ug/L	20.00	3.2%	≤30	
1,3-Dichlorobenzene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.6 %	25-67	310
			BS	ug/L	20.00	59.2 %	13-81	
			BSD	ug/L	20.00	57.7 %	13-81	
			BSRPD	ug/L	20.00	2.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	102 %	80-120	
1,4-Dichlorobenzene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	81.3 %	26-70	310
			BS	ug/L	20.00	59.9 %	14-81	
			BSD	ug/L	20.00	57.0 %	14-81	
			BSRPD	ug/L	20.00	4.9%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	102 %	80-120	
2,4,5-Trichlorophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	96.4 %	63-122	
			BS	ug/L	20.00	83.3 %	26-151	
			BSD	ug/L	20.00	91.6 %	26-151	
			BSRPD	ug/L	20.00	9.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	117 %	70-130	
2,4,6-Tribromophenol	625	09/28/16:211666JOM	Blank	ug/L	20.00	87.0 %	17-97	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2,4,6-Tribromophenol	625	09/28/16:211666JOM	LCS	ug/L	20.00	96.0 %	17-97	
			BS	ug/L	20.00	100 %	17-97	436
			BSD	ug/L	20.00	99.8 %	17-97	436
			BSRPD	ug/L	20.00	0.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	119 %	80-120	
2,4,6-Trichlorophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.9 %	67-124	
			BS	ug/L	20.00	85.1 %	24-139	
			BSD	ug/L	20.00	90.6 %	24-139	
			BSRPD	ug/L	20.00	6.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	114 %	80-120	
2,4-Dichlorophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	119 %	68-112	310
			BS	ug/L	20.00	94.2 %	22-139	
			BSD	ug/L	20.00	87.1 %	22-139	
			BSRPD	ug/L	20.00	7.9%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	97.5 %	80-120	
2,4-Dimethylphenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	93.8 %	37-98	
			BS	ug/L	20.00	78.3 %	17-92	
			BSD	ug/L	20.00	67.9 %	17-92	
			BSRPD	ug/L	20.00	14.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	131 %	80-120	360
2,4-Dinitrophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	93.5 %	67-115	
			BS	ug/L	20.00	95.9 %	0-158	
			BSD	ug/L	20.00	105 %	0-158	
			BSRPD	ug/L	20.00	1.8	≤5	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	103 %	80-120	
2,4-Dinitrotoluene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	104 %	74-147	
			BS	ug/L	20.00	105 %	23-146	
			BSD	ug/L	20.00	103 %	23-146	
			BSRPD	ug/L	20.00	2.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	108 %	80-120	
2,6-Dinitrotoluene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	63-144	
			BS	ug/L	20.00	105 %	22-152	
			BSD	ug/L	20.00	97.7 %	22-152	
			BSRPD	ug/L	20.00	6.8%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	112 %	80-120	
2-Chlorophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	89.5 %	50-108	
			BS	ug/L	20.00	88.4 %	26-118	
			BSD	ug/L	20.00	79.6 %	26-118	
			BSRPD	ug/L	20.00	10.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	108 %	80-120	
2-Fluorobiphenyl	625	09/28/16:211666JOM	Blank	ug/L	10.00	80.9 %	10-99	
			LCS	ug/L	10.00	87.9 %	10-99	
			BS	ug/L	10.00	75.0 %	10-99	
			BSD	ug/L	10.00	79.5 %	10-99	
			BSRPD	ug/L	20.00	5.8%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	10.00	107 %	80-120	
2-Fluorophenol	625	09/28/16:211666JOM	Blank	ug/L	20.00	82.8 %	15-96	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Fluorophenol	625	09/28/16:211666JOM	LCS	ug/L	20.00	81.8 %	15-96	
			BS	ug/L	20.00	71.3 %	15-96	
			BSD	ug/L	20.00	69.6 %	15-96	
			BSRPD	ug/L	20.00	2.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	110 %	80-120	
2-Nitrophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	112 %	59-132	
			BS	ug/L	20.00	92.2 %	29-132	
			BSD	ug/L	20.00	83.4 %	29-132	
			BSRPD	ug/L	20.00	10%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	133 %	80-120	360
3,3-Dichlorobenzidine	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	184 %	59-148	310
			BS	ug/L	20.00	206 %	14-100	436
			BSD	ug/L	20.00	207 %	14-100	436
			BSRPD	ug/L	20.00	0.7%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	142 %	80-120	360
4,6-Dinitro-2-methylphenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.7 %	85-109	
			BS	ug/L	20.00	103 %	18-165	
			BSD	ug/L	20.00	101 %	18-165	
			BSRPD	ug/L	20.00	1.5%	≤30	
4,6-Dinitro-o-cresol	625	10/04/16:214509SBL	CCV	mg/L	20.00	101 %	80-120	
4-Bromophenylphenylether	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.2 %	64-116	
			BS	ug/L	20.00	89.1 %	22-130	
			BSD	ug/L	20.00	89.5 %	22-130	
			BSRPD	ug/L	20.00	0.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	106 %	80-120	
4-Nitrophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	126 %	61-102	310
			BS	ug/L	20.00	128 %	0-189	
			BSD	ug/L	20.00	125 %	0-189	
			BSRPD	ug/L	20.00	2.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	119 %	80-120	
Acenaphthene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.5 %	15-122	
			BS	ug/L	20.00	89.5 %	26-118	
			BSD	ug/L	20.00	84.4 %	26-118	
			BSRPD	ug/L	20.00	5.8%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	111 %	80-120	
Acenaphthylene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.3 %	17-118	
			BS	ug/L	20.00	91.4 %	30-113	
			BSD	ug/L	20.00	87.2 %	30-113	
			BSRPD	ug/L	20.00	4.7%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	116 %	80-120	
Anthracene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.3 %	23-126	
			BS	ug/L	20.00	96.8 %	29-122	
			BSD	ug/L	20.00	94.7 %	29-122	
			BSRPD	ug/L	20.00	2.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	115 %	80-120	
Azobenzene	625	10/04/16:214509SBL	CCV	mg/L	20.00	101 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Benzidine	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	4.6 %	6-32	320
			BS	ug/L	20.00	0.8 %	0-25	
			BSD	ug/L	20.00	0.0 %	0-25	
			BSRPD	ug/L	20.00	0.16	≤2	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	80.3 %	70-130	
Benzo(a)anthracene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.6 %	21-132	
			BS	ug/L	20.00	98.3 %	22-121	
			BSD	ug/L	20.00	98.9 %	22-121	
			BSRPD	ug/L	20.00	0.6%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	113 %	80-120	
Benzo(a)pyrene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	102 %	21-142	
			BS	ug/L	20.00	106 %	10-135	
			BSD	ug/L	20.00	99.6 %	10-135	
			BSRPD	ug/L	20.00	6.6%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	121 %	80-120	360
Benzo(b)fluoranthene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	80.0 %	20-137	
			BS	ug/L	20.00	100 %	18-126	
			BSD	ug/L	20.00	92.9 %	18-126	
			BSRPD	ug/L	20.00	7.9%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	109 %	80-120	
Benzo(g,h,i)perylene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.1 %	4-153	
			BS	ug/L	20.00	104 %	13-133	
			BSD	ug/L	20.00	107 %	13-133	
			BSRPD	ug/L	20.00	3.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	126 %	80-120	360
Benzo(k)fluoranthene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.7 %	24-133	
			BS	ug/L	20.00	102 %	18-129	
			BSD	ug/L	20.00	96.9 %	18-129	
			BSRPD	ug/L	20.00	4.7%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	119 %	80-120	
bis(2-Chloroethoxy)methane	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	108 %	54-112	
			BS	ug/L	20.00	89.4 %	23-130	
			BSD	ug/L	20.00	82.4 %	23-130	
			BSRPD	ug/L	20.00	8.1%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	127 %	80-120	360
bis(2-Chloroethyl)ether	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	322 %	45-104	310
			BS	ug/L	20.00	233 %	23-121	436
			BSD	ug/L	20.00	206 %	23-121	436
			BSRPD	ug/L	20.00	12.0%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	103 %	80-120	
bis(2-Chloroisopropyl)ether	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.9 %	44-99	
			BS	ug/L	20.00	91.3 %	10-125	
			BSD	ug/L	20.00	66.8 %	10-125	
			BSRPD	ug/L	20.00	31.0%	≤30	410
	625	10/04/16:214509SBL	CCV	mg/L	20.00	91.1 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
bis(2-Ethylhexyl)phthalate	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	84.8 %	49-123	
			BS	ug/L	20.00	91.0 %	15-146	
			BSD	ug/L	20.00	87.7 %	15-146	
			BSRPD	ug/L	20.00	3.6%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	87.4 %	80-120	
Butylbenzylphthalate	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	50.1 %	59-92	320
			BS	ug/L	20.00	80.5 %	36-130	
			BSD	ug/L	20.00	80.8 %	36-130	
			BSRPD	ug/L	20.00	0.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	98.8 %	80-120	
Chloronaphthalene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	91.2 %	51-100	
			BS	ug/L	20.00	70.2 %	17-123	
			BSD	ug/L	20.00	79.2 %	17-123	
			BSRPD	ug/L	20.00	12.0%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	105 %	80-120	
Chlorophenylphenylether	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	87.2 %	63-114	
			BS	ug/L	20.00	86.2 %	21-128	
			BSD	ug/L	20.00	85.2 %	21-128	
			BSRPD	ug/L	20.00	1.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	103 %	80-120	
Chrysene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.6 %	22-130	
			BS	ug/L	20.00	95.1 %	22-119	
			BSD	ug/L	20.00	98.2 %	22-119	
			BSRPD	ug/L	20.00	3.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	112 %	80-120	
Dibenzo(a,h)anthracene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	111 %	9-150	
			BS	ug/L	20.00	118 %	11-141	
			BSD	ug/L	20.00	123 %	11-141	
			BSRPD	ug/L	20.00	4.9%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	145 %	80-120	360
Diethylphthalate	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.7 %	33-76	
			BS	ug/L	20.00	40.5 %	25-128	
			BSD	ug/L	20.00	60.1 %	25-128	
			BSRPD	ug/L	20.00	38.9%	≤30	410
	625	10/04/16:214509SBL	CCV	mg/L	20.00	108 %	80-120	
Dimethylphthalate	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	25.4 %	21-63	
			BS	ug/L	20.00	12.4 %	25-124	436
			BSD	ug/L	20.00	37.1 %	25-124	
			BSRPD	ug/L	20.00	4.9	≤1	410
	625	10/04/16:214509SBL	CCV	mg/L	20.00	108 %	80-120	
Di-n-butylphthalate	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	71.4 %	18-127	
			BS	ug/L	20.00	86.9 %	34-130	
			BSD	ug/L	20.00	92.8 %	34-130	
			BSRPD	ug/L	20.00	6.6%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	118 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Di-n-octylphthalate	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	67.3 %	29-136	
			BS	ug/L	20.00	83.1 %	27-131	
			BSD	ug/L	20.00	70.2 %	27-131	
			BSRPD	ug/L	20.00	16.8%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	84.1 %	80-120	
Fluoranthene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.8 %	24-127	
			BS	ug/L	20.00	99.7 %	20-130	
			BSD	ug/L	20.00	98.5 %	20-130	
			BSRPD	ug/L	20.00	1.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	116 %	80-120	
Fluorene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.2 %	20-123	
			BS	ug/L	20.00	95.5 %	25-126	
			BSD	ug/L	20.00	91.5 %	25-126	
			BSRPD	ug/L	20.00	4.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	109 %	80-120	
Hexachlorobenzene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.0 %	65-114	
			BS	ug/L	20.00	90.6 %	18-120	
			BSD	ug/L	20.00	88.5 %	18-120	
			BSRPD	ug/L	20.00	2.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	108 %	80-120	
Hexachlorobutadiene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	98.5 %	20-61	310
			BS	ug/L	20.00	46.7 %	13-84	
			BSD	ug/L	20.00	56.5 %	13-84	
			BSRPD	ug/L	20.00	19.0%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	90.8 %	80-120	
Hexachlorocyclopentadiene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	32.7 %	0-46	
			BS	ug/L	20.00	17.1 %	0-64	
			BSD	ug/L	20.00	23.6 %	0-64	
			BSRPD	ug/L	20.00	1.3	≤1	410
	625	10/04/16:214509SBL	CCV	mg/L	20.00	102 %	80-120	
Hexachloroethane	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	80.2 %	14-52	310
			BS	ug/L	20.00	49.9 %	9-76	
			BSD	ug/L	20.00	43.9 %	9-76	
			BSRPD	ug/L	20.00	12.9%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	103 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	3-158	
			BS	ug/L	20.00	109 %	0-153	
			BSD	ug/L	20.00	114 %	0-153	
			BSRPD	ug/L	20.00	4.6%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	132 %	80-120	360
Isophorone	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	127 %	55-108	310
			BS	ug/L	20.00	91.8 %	26-122	
			BSD	ug/L	20.00	87.0 %	26-122	
			BSRPD	ug/L	20.00	5.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	134 %	80-120	360

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Naphthalene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.7 %	7-117	
			BS	ug/L	20.00	78.8 %	24-103	
			BSD	ug/L	20.00	73.1 %	24-103	
			BSRPD	ug/L	20.00	7.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	93.8 %	80-120	
Nitrobenzene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	128 %	53-107	310
			BS	ug/L	20.00	87.3 %	25-120	
			BSD	ug/L	20.00	58.6 %	25-120	
			BSRPD	ug/L	20.00	39.3%	≤30	410
	625	10/04/16:214509SBL	CCV	mg/L	20.00	131 %	80-120	360
Nitrobenzene-d5	625	09/28/16:211666JOM	Blank	ug/L	10.00	74.9 %	11-102	
			LCS	ug/L	10.00	125 %	11-102	310
			BS	ug/L	10.00	86.6 %	11-102	
			BSD	ug/L	10.00	56.8 %	11-102	
			BSRPD	ug/L	20.00	41.5%	≤30	410
	625	10/04/16:214509SBL	CCV	mg/L	10.00	138 %	80-120	362
N-Nitrosodimethylamine	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	85.0 %	34-102	
			BS	ug/L	20.00	75.1 %	13-128	
			BSD	ug/L	20.00	67.1 %	13-128	
			BSRPD	ug/L	20.00	11.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	88.5 %	80-120	
N-Nitrosodi-N-propylamine	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	98.0 %	48-108	
			BS	ug/L	20.00	96.9 %	9-142	
			BSD	ug/L	20.00	60.5 %	9-142	
			BSRPD	ug/L	20.00	46.3%	≤30	410
	625	10/04/16:214509SBL	CCV	mg/L	20.00	101 %	80-120	
N-Nitrosodiphenylamine	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.1 %	61-111	
			BS	ug/L	20.00	95.1 %	22-161	
			BSD	ug/L	20.00	93.6 %	22-161	
			BSRPD	ug/L	20.00	1.6%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	93.6 %	80-120	
p-Chloro-m-cresol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	127 %	68-111	310
			BS	ug/L	20.00	96.0 %	25-139	
			BSD	ug/L	20.00	90.3 %	25-139	
			BSRPD	ug/L	20.00	6.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	141 %	80-120	360
Pentachlorophenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	112 %	46-168	
			BS	ug/L	20.00	116 %	0-170	
			BSD	ug/L	20.00	112 %	0-170	
			BSRPD	ug/L	20.00	4.2%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	122 %	80-120	360
Phenanthrene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	92.6 %	19-125	
			BS	ug/L	20.00	92.6 %	25-126	
			BSD	ug/L	20.00	93.0 %	25-126	
			BSRPD	ug/L	20.00	0.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	110 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Phenol	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.6 %	49-104	
			BS	ug/L	20.00	89.7 %	23-124	
			BSD	ug/L	20.00	81.6 %	23-124	
			BSRPD	ug/L	20.00	9.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	107 %	80-120	
Phenol-d6	625	09/28/16:211666JOM	Blank	ug/L	20.00	70.8 %	9-103	
			LCS	ug/L	20.00	89.9 %	9-103	
			BS	ug/L	20.00	82.7 %	9-103	
			BSD	ug/L	20.00	73.8 %	9-103	
			BSRPD	ug/L	20.00	11.4%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	105 %	80-120	
p-Terphenyl-d14	625	09/28/16:211666JOM	Blank	ug/L	10.00	96.2 %	25-123	
			LCS	ug/L	10.00	89.5 %	25-123	
			BS	ug/L	10.00	93.8 %	25-123	
			BSD	ug/L	10.00	90.6 %	25-123	
			BSRPD	ug/L	20.00	3.5%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	10.00	96.6 %	80-120	
Pyrene	625	09/28/16:211666JOM	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.7 %	15-138	
			BS	ug/L	20.00	92.3 %	31-121	
			BSD	ug/L	20.00	91.1 %	31-121	
			BSRPD	ug/L	20.00	1.3%	≤30	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	98.2 %	80-120	
Pyridine	625	09/28/16:211666JOM	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	31.1 %	5-72	
			BS	ug/L	20.00	6.8 %	0-64	
			BSD	ug/L	20.00	3.9 %	0-64	
			BSRPD	ug/L	20.00	0.58	≤10	
	625	10/04/16:214509SBL	CCV	mg/L	20.00	84.1 %	80-120	
2,4`-DDD	625P	10/01/16:214450SG	CCV	ug/L	100.0	108 %	70-130	
2,4`-DDE	625P	10/01/16:214450SG	CCV	ug/L	100.0	113 %	70-130	
2,4`-DDT	625P	10/01/16:214450SG	CCV	ug/L	100.0	90.4 %	70-130	
Aldrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	95.8 %	0-131	
			BS	ug/L	0.1000	282 %	4-108	436
			BSD	ug/L	0.1000	91.1 %	4-108	
			BSRPD	ug/L	0.1000	102%	≤25	410
	625P	10/01/16:214450SG	CCV	ug/L	100.0	99.6 %	70-130	
Alpha BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	85.4 %	9-125	
			BS	ug/L	0.1000	88.3 %	17-100	
			BSD	ug/L	0.1000	84.2 %	17-100	
			BSRPD	ug/L	0.1000	4.8%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	129 %	70-130	
alpha-Chlordane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	81.4 %	14-126	
			BS	ug/L	0.1000	99.6 %	0-135	
			BSD	ug/L	0.1000	91.4 %	0-135	
			BSRPD	ug/L	0.1000	8.6%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	121 %	70-130	
Beta BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	94.0 %	13-125	
			BS	ug/L	0.1000	74.0 %	16-123	

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Quality Control - Organic

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Organic								
Beta BHC	625P	09/27/16:211614JOM	BSD	ug/L	0.1000	83.9 %	16-123	
			BSRPD	ug/L	0.1000	12.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	101 %	70-130	
cis_Nonachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	88.4 %	10-138	
			BS	ug/L	0.1000	98.9 %	0-120	
			BSD	ug/L	0.1000	98.0 %	0-120	
			BSRPD	ug/L	0.1000	0.9%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	112 %	70-130	
Delta BHC	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	87.5 %	0-122	
			BS	ug/L	0.1000	70.3 %	0-112	
			BSD	ug/L	0.1000	77.7 %	0-112	
			BSRPD	ug/L	0.1000	10%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	98.9 %	70-130	
Dieldrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	91.7 %	19-120	
			BS	ug/L	0.1000	82.8 %	0-121	
			BSD	ug/L	0.1000	98.4 %	0-121	
			BSRPD	ug/L	0.1000	17.2%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	114 %	70-130	
Endosulfan I	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	89.5 %	18-129	
			BS	ug/L	0.1000	84.1 %	0-154	
			BSD	ug/L	0.1000	84.4 %	0-154	
			BSRPD	ug/L	0.1000	0.4%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	103 %	70-130	
Endosulfan II	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	96.7 %	22-128	
			BS	ug/L	0.1000	94.7 %	0-149	
			BSD	ug/L	0.1000	106 %	0-149	
			BSRPD	ug/L	0.1000	11.7%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	103 %	70-130	
Endosulfan Sulfate	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.9 %	32-106	
			BS	ug/L	0.1000	76.1 %	4-140	
			BSD	ug/L	0.1000	87.9 %	4-140	
			BSRPD	ug/L	0.1000	14.4%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	91.7 %	70-130	
Endrin	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	86.3 %	0-130	
			BS	ug/L	0.1000	42.5 %	7-101	
			BSD	ug/L	0.1000	69.9 %	7-101	
			BSRPD	ug/L	0.1000	48.8%	≤25	410
	625P	10/01/16:214450SG	CCV	ug/L	100.0	87.5 %	70-130	
Endrin Aldehyde	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	122 %	16-135	
			BS	ug/L	0.1000	100 %	0-148	
			BSD	ug/L	0.1000	99.6 %	0-148	
			BSRPD	ug/L	0.1000	0.4%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	117 %	70-130	
Endrin Ketone	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	69.4 %	25-121	
			BS	ug/L	0.1000	83.0 %	21-111	

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Organic								
Endrin Ketone	625P	09/27/16:211614JOM	BSD	ug/L	0.1000	83.9 %	21-111	
			BSRPD	ug/L	0.1000	1.1%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	121 %	70-130	
gamma-Chlordane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	94.7 %	20-123	
			BS	ug/L	0.1000	103 %	1-116	
			BSD	ug/L	0.1000	104 %	1-116	
			BSRPD	ug/L	0.1000	0.6%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	130 %	70-130	
Heptachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	86.6 %	19-119	
			BS	ug/L	0.1000	70.2 %	13-100	
			BSD	ug/L	0.1000	73.1 %	13-100	
			BSRPD	ug/L	0.1000	4.0%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	114 %	70-130	
Heptachlor Epoxide	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	93.4 %	18-131	
			BS	ug/L	0.1000	111 %	0-127	
			BSD	ug/L	0.1000	98.9 %	0-127	
			BSRPD	ug/L	0.1000	11.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	122 %	70-130	
Lindane	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	106 %	22-181	
			BS	ug/L	0.1000	95.0 %	0-234	
			BSD	ug/L	0.1000	104 %	0-234	
			BSRPD	ug/L	0.1000	8.6%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	119 %	70-130	
Methoxychlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	91.5 %	26-113	
			BS	ug/L	0.1000	87.4 %	2-107	
			BSD	ug/L	0.1000	94.3 %	2-107	
			BSRPD	ug/L	0.1000	7.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	88.6 %	70-130	
o,p - DDD	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	88.9 %	15-136	
			BS	ug/L	0.1000	94.3 %	12-118	
			BSD	ug/L	0.1000	99.1 %	12-118	
			BSRPD	ug/L	0.1000	5.0%	≤25	
o,p - DDE	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	90.1 %	23-124	
			BS	ug/L	0.1000	82.5 %	0-108	
			BSD	ug/L	0.1000	85.8 %	0-108	
			BSRPD	ug/L	0.1000	4.0%	≤25	
o,p - DDT	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	74.2 %	27-131	
			BS	ug/L	0.1000	78.3 %	0-124	
			BSD	ug/L	0.1000	73.9 %	0-124	
			BSRPD	ug/L	0.1000	5.8%	≤25	
p,p - DDD	625P	10/01/16:214450SG	CCV	ug/L	100.0	93.8 %	70-130	
p,p - DDE	625P	10/01/16:214450SG	CCV	ug/L	100.0	86.8 %	70-130	
p,p - DDT	625P	10/01/16:214450SG	CCV	ug/L	100.0	105 %	70-130	
p,p`-DDD	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	105 %	0-177	
			BS	ug/L	0.1000	80.8 %	17-107	

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Quality Control - Organic

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Organic								
p,p`-DDD	625P	09/27/16:211614JOM	BSD	ug/L	0.1000	85.1 %	17-107	
			BSRPD	ug/L	0.1000	5.2%	≤25	
p,p`-DDE	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	72.5 %	23-126	
			BS	ug/L	0.1000	76.4 %	2-107	
			BSD	ug/L	0.1000	77.1 %	2-107	
			BSRPD	ug/L	0.1000	0.9%	≤25	
p,p`-DDT	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	78.9 %	32-108	
			BS	ug/L	0.1000	89.9 %	0-128	
			BSD	ug/L	0.1000	90.0 %	0-128	
			BSRPD	ug/L	0.1000	0.2%	≤25	
Tetrachloro-m-xylene	625P	09/27/16:211614JOM	Blank	ug/L	0.1000	63.5 %	26-90	
			LCS	ug/L	0.1000	66.5 %	26-90	
			BS	ug/L	0.1000	62.5 %	26-90	
			BSD	ug/L	0.1000	65.9 %	26-90	
			BSRPD	ug/L	0.1000	5.3%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	104 %	70-130	
trans-Nonachlor	625P	09/27/16:211614JOM	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	95.0 %	9-139	
			BS	ug/L	0.1000	82.5 %	0-120	
			BSD	ug/L	0.1000	102 %	0-120	
			BSRPD	ug/L	0.1000	21.5%	≤25	
	625P	10/01/16:214450SG	CCV	ug/L	100.0	120 %	70-130	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration 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.
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

310	: LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
320	: LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
360	: CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
362	: Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
410	: Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
436	: Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Boron	200.7		MS	mg/L	4.000	104 %	75-125	
		(VI 1643927-006)	MSD	mg/L	4.000	101 %	75-125	
			MSRPD	mg/L	4000	3.1%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.058	0.1	
			CCV	ppm	5.000	98.0 %	90-110	
			CCB	ppm		0.062	0.1	
			CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.064	0.1	
Calcium	200.7		MS	mg/L	12.00	99.9 %	75-125	
		(VI 1643927-006)	MSD	mg/L	12.00	96.9 %	75-125	
			MSRPD	mg/L	4000	2.0%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	99.5 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	99.2 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	98.3 %	90-110	
			CCB	ppm		0.02	1	
Copper	200.7		MS	ug/L	800.0	105 %	75-125	
		(VI 1643927-006)	MSD	ug/L	800.0	100 %	75-125	
			MSRPD	ug/L	4000	4.9%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	98.2 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		0.0001	0.01	
Iron	200.7		MS	ug/L	4000	94.5 %	75-125	
		(VI 1643927-006)	MSD	ug/L	4000	95.6 %	75-125	
			MSRPD	ug/L	4000	0.9%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	5.000	99.6 %	90-110	
			CCB	ppm		0.0079	0.03	
			CCV	ppm	5.000	99.5 %	90-110	
			CCB	ppm		0.0081	0.03	
			CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.0092	0.03	
Magnesium	200.7		MS	mg/L	12.00	103 %	75-125	
		(VI 1643927-006)	MSD	mg/L	12.00	98.1 %	75-125	
			MSRPD	mg/L	4000	4.1%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.004	1	
			CCV	ppm	25.00	98.1 %	90-110	
			CCB	ppm		0.008	1	
			CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.005	1	
Manganese	200.7		MS	ug/L	800.0	106 %	75-125	
		(VI 1643927-006)	MSD	ug/L	800.0	102 %	75-125	
			MSRPD	ug/L	4000	4.6%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		0.0001	0.01	
			CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0002	0.01	
Potassium	200.7		MS	mg/L	12.00	103 %	75-125	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Potassium	200.7	(VI 1643927-006)	MSD	mg/L	12.00	98.7 %	75-125	
			MSRPD	mg/L	4000	3.9%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	99.1 %	90-110	
			CCB	ppm		-0.08	1	
			CCV	ppm	25.00	95.3 %	90-110	
			CCB	ppm		0.04	1	
			CCV	ppm	25.00	98.8 %	90-110	
			CCB	ppm		-0.14	1	
Sodium	200.7		MS	mg/L	12.00	102 %	75-125	
		(VI 1643927-006)	MSD	mg/L	12.00	97.6 %	75-125	
			MSRPD	mg/L	4000	3.9%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		0.46	1	
			CCV	ppm	25.00	96.5 %	90-110	
			CCB	ppm		0.57	1	
			CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		0.46	1	
Zinc	200.7		MS	ug/L	800.0	106 %	75-125	
		(VI 1643927-006)	MSD	ug/L	800.0	102 %	75-125	
			MSRPD	ug/L	4000	3.4%	≤20.0	
	200.7	09/24/16:213893AC	CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.0007	0.02	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		-0.0005	0.02	
			CCV	ppm	1.000	98.9 %	90-110	
			CCB	ppm		-0.0004	0.02	
Aluminum	200.8	10/04/16:214508AC	ICV	ppb	120.0	94.8 %	90-110	
			ICB	ppb		0.2	10	
			CCV	ppb	120.0	98.0 %	90-110	
			CCB	ppb		0.4	10	
			CCV	ppb	120.0	98.9 %	90-110	
			CCB	ppb		-0.04	10	
Antimony	200.8	10/04/16:214508AC	ICV	ppb	120.0	95.6 %	90-110	
			ICB	ppb		0.08	1	
			CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		0.33	1	
			CCV	ppb	120.0	97.5 %	90-110	
			CCB	ppb		0.10	1	
Arsenic	200.8	10/04/16:214508AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.02	2	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.15	2	
			CCV	ppb	120.0	107 %	90-110	
			CCB	ppb		0.07	2	
Barium	200.8	10/04/16:214508AC	ICV	ppb	120.0	104 %	90-110	
			ICB	ppb		0.12	1	
			CCV	ppb	120.0	107 %	90-110	
			CCB	ppb		0.19	1	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.07	1	
Beryllium	200.8	10/04/16:214508AC	ICV	ppb	120.0	91.2 %	90-110	
			ICB	ppb		0.029	0.2	
			CCV	ppb	120.0	95.1 %	90-110	
			CCB	ppb		0.069	0.2	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Beryllium	200.8	10/04/16:214508AC	CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		0.003	0.2	
Cadmium	200.8	10/04/16:214508AC	ICV	ppb	120.0	101 %	90-110	
			ICB	ppb		0.051	0.2	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.107	0.2	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.043	0.2	
Chromium	200.8	10/04/16:214508AC	ICV	ppb	120.0	98.3 %	90-110	
			ICB	ppb		0.09	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.21	1	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.15	1	
Copper	200.8	10/04/16:214508AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.068	0.5	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		-0.028	0.5	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		-0.077	0.5	
Lead	200.8	10/04/16:214508AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.041	0.5	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.090	0.5	
			CCV	ppb	120.0	105 %	90-110	
			CCB	ppb		0.031	0.5	
Nickel	200.8	10/04/16:214508AC	ICV	ppb	120.0	99.4 %	90-110	
			ICB	ppb		0.03	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.07	1	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		-0.02	1	
Selenium	200.8	10/04/16:214508AC	ICV	ppb	120.0	102 %	90-110	
			ICB	ppb		-0.07	1	
			CCV	ppb	120.0	110 %	90-110	
			CCB	ppb		0.26	1	
	200.8	10/05/16:214575AC	ICV	ppb	120.0	102 %	90-110	
			ICB	ppb		0.09	1	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		-0.15	1	
Silver	200.8	10/04/16:214508AC	ICV	ppb	120.0	99.9 %	90-110	
			ICB	ppb		0.0270	0.25	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.0970	0.25	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.0320	0.25	
Thallium	200.8	10/04/16:214508AC	ICV	ppb	120.0	98.2 %	90-110	
			ICB	ppb		0.054	0.2	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.114	0.2	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.051	0.2	
Mercury	245.1	10/04/16:211963ac	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	104 %	85-115	

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Metals								
Mercury	245.1		MS	ug/L	0.2000	92.9 %	75-125	
		(SP 1611656-001)	MSD	ug/L	0.2000	90.1 %	75-125	
			MSRPD	ug/L	0.2000	2.6%	≤20	
	245.1	10/05/16:214518AC	CCV	ppt	200.0	101 %	90-110	
			CCB	ppt		-7.2	20	
			CCV	ppt	200.0	102 %	90-110	
			CCB	ppt		-7.5	20	
Aluminum	3010	10/04/16:211956amb	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	111 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	98.9 %	75-125	
			MSRPD	ug/L	40.00	9.3%	≤20.0	
			PDS	ug/L	40.00	122 %	75-125	
Antimony	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	106 %	75-125	
			MSRPD	ug/L	40.00	0.2%	≤20.0	
			PDS	ug/L	40.00	113 %	75-125	
Arsenic	3010	10/04/16:211956amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	100 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	3.4%	≤20	
			PDS	ug/L	40.00	108 %	75-125	
Barium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	111 %	85-115	
			MS	ug/L	40.00	118 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	135 %	75-125	435
			MSRPD	ug/L	40.00	7.0%	≤20.0	
			PDS	ug/L	40.00	136 %	75-125	430
Beryllium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	91.2 %	85-115	
			MS	ug/L	40.00	91.4 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	88.6 %	75-125	
			MSRPD	ug/L	40.00	3.1%	≤20.0	
			PDS	ug/L	40.00	93.6 %	75-125	
Cadmium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	107 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	107 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20	
			PDS	ug/L	40.00	113 %	75-125	
Chromium	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	102 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	99.1 %	75-125	
			MSRPD	ug/L	40.00	3.1%	≤20	
			PDS	ug/L	40.00	106 %	75-125	
Copper	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	101 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	97.0 %	75-125	
			MSRPD	ug/L	40.00	3.8%	≤20.0	

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Metals								
Copper	3010	10/04/16:211956amb	PDS	ug/L	40.00	103 %	75-125	
Lead	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	107 %	85-115	
			MS	ug/L	40.00	108 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	108 %	75-125	
			MSRPD	ug/L	40.00	0.6%	≤20.0	
			PDS	ug/L	40.00	115 %	75-125	
Nickel	3010	10/04/16:211956amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	101 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	101 %	75-125	
			MSRPD	ug/L	40.00	0.7%	≤20	
			PDS	ug/L	40.00	105 %	75-125	
Selenium	3010	10/04/16:211956amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	96.9 %	80-120	
			MS	ug/L	40.00	103 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20	
			PDS	ug/L	40.00	106 %	75-125	
Silver	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.25	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	103 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	1.4%	≤20.0	
			PDS	ug/L	40.00	109 %	75-125	
Thallium	3010	10/04/16:211956amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	106 %	75-125	
		(SP 1611294-006)	MSD	ug/L	40.00	105 %	75-125	
			MSRPD	ug/L	40.00	0.4%	≤20.0	
			PDS	ug/L	40.00	113 %	75-125	
Wet Chem								
Oil and Grease	1664A	10/06/16:212024AMM	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	82.9 %	78-114	
			BS	mg/L	44.89	78.7 %	78-114	
			BSD	mg/L	44.89	83.9 %	78-114	
			BSRPD	mg/L	44.89	6.4%	≤18	
Color	2120B	(SP 1611294-006)	Dup	units		0.0	5	
	2120B	09/23/16:214268jmg	CCB	units		0.00	5.0	
			CCV	units	10.00	100 %	90-110	
Turbidity	2130B	(SP 1611199-002)	Dup	NTU		2.5%	20	
	2130B	09/23/16:213889JBA	CCV	NTU	10.00	105 %	90-110	
			CCB	NTU		0.092	0.1	
			CCV	NTU	10.00	105 %	90-110	
			CCB	NTU		0.085	0.1	
Odor	2150B	(SP 1611294-006)	Dup	TON		0.0	1	
Chromium VI	218.6	09/30/16:211954MCA	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.000	104 %	90-110	
			MS	ug/L	2.000	107 %	75-125	
		(CC 1683416-001)	MSD	ug/L	2.000	66.0 %	<¼	
			MSRPD	ug/L	2.000	4.6%	≤20	
	218.6	09/30/16:214421MCA	CCB	ppb		0.063	0.1	
			CCV	ppb	5.000	102 %	95-105	
			CCB	ppb		0.064	0.1	

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Wet Chem								
Chromium VI	218.6	09/30/16:214421MCA	CCV	ppb	5.000	102 %	95-105	
Alkalinity (as CaCO3)	2320B	(CH 1678271-001)	Dup	mg/L		9.8%	10	
		(CC 1683299-001)	Dup	mg/L		18.3%	10	440
	2320B	09/23/16:213890AMB	CCV	mg/L	234.9	95.0 %	90-110	
			CCV	mg/L	234.9	93.0 %	90-110	
Bicarbonate	2320B	(CH 1678271-001)	Dup	mg/L		9.9%	10	
		(CC 1683299-001)	Dup	mg/L		18.3%	10	440
Carbonate	2320B	(CH 1678271-001)	Dup	mg/L		0.0	10	
		(CC 1683299-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(CH 1678271-001)	Dup	mg/L		0.0	10	
		(CC 1683299-001)	Dup	mg/L		0.0	10	
Conductivity	2510B	09/23/16:213844JMG	ICB	umhos/cm		0.07	1	
			CCV	umhos/cm	1000	101 %	95-105	
			CCV	umhos/cm	1000	101 %	95-105	
E. C.	2510B	09/23/16:211472jmg	Blank	umhos/cm		ND	<1	
		(SP 1611290-006)	Dup	umhos/cm		0.2%	5	
Total Dissolved Solids (TFR)	2540CE	09/26/16:211570CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	996.9	99.3 %	90-110	
		(SP 1611196-001)	Dup	mg/L		1.5%	5	
Solids, Suspended	2540D	09/27/16:211589jba	Blank	mg/L		ND	<1	
			LCS	mg/L	50.10	83.8 %	61-112	
			LCS	mg/L	50.10	75.8 %	61-112	
		(VI 1644035-001)	Dup	mg/L		7.6%	25	
Chloride	300.0		MS	mg/L	50.00	92.5 %	85-121	
		(STK1651973-002)	MSD	mg/L	50.00	92.6 %	85-121	
			MSRPD	mg/L	10.00	0.1%	≤19	
			Blank	mg/L		ND	<1	
			LCS	mg/L	25.00	105 %	90-110	
			MS	mg/L	50.00	96.7 %	85-121	
		(SP 1611296-003)	MSD	mg/L	50.00	96.8 %	85-121	
			MSRPD	mg/L	10.00	0.06%	≤19	
	300.0	09/23/16:214031MCA	ICB	mg/L		0.00	1	
			ICV	mg/L	25.00	106 %	90-110	
			CCB	mg/L		0.00	1	
			CCV	mg/L	25.00	106 %	90-110	
			CCB	mg/L		0.18	1	
			CCV	mg/L	25.00	106 %	90-110	
Fluoride	300.0		MS	mg/L	5.000	93.9 %	87-120	
		(STK1651973-002)	MSD	mg/L	5.000	94.0 %	87-120	
			MSRPD	mg/L	10.00	0.08%	≤16	
			Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	107 %	90-110	
			MS	mg/L	5.000	94.8 %	87-120	
		(SP 1611296-003)	MSD	mg/L	5.000	95.0 %	87-120	
			MSRPD	mg/L	10.00	0.2%	≤16	
	300.0	09/23/16:214031MCA	ICB	mg/L		0.000	0.1	
			ICV	mg/L	2.500	107 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.500	107 %	90-110	
Nitrate	300.0		MS	mg/L	40.00	69.8 %	85-119	435
		(STK1651973-002)	MSD	mg/L	40.00	69.8 %	85-119	435
			MSRPD	mg/L	10.00	0.05%	≤19	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	20.00	105 %	90-110	

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Wet Chem								
Nitrate	300.0		MS	mg/L	40.00	94.3 %	85-119	
		(SP 1611296-003)	MSD	mg/L	40.00	94.4 %	85-119	
			MSRPD	mg/L	10.00	0.08%	≤19	
	300.0	09/23/16:214031MCA	ICB	mg/L		0.000	0.5	
			ICV	mg/L	20.00	106 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	20.00	106 %	90-110	
Nitrite	300.0		MS	mg/L	30.00	95.5 %	74-126	
		(STK1651973-002)	MSD	mg/L	30.00	95.7 %	74-126	
			MSRPD	mg/L	10.00	0.2%	≤20	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	15.00	108 %	90-110	
			MS	mg/L	30.00	95.9 %	74-126	
		(SP 1611296-003)	MSD	mg/L	30.00	96.1 %	74-126	
			MSRPD	mg/L	10.00	0.3%	≤20	
	300.0	09/23/16:214031MCA	ICB	mg/L		0.000	0.5	
			ICV	mg/L	15.00	106 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	15.00	106 %	90-110	
Sulfate	300.0		MS	mg/L	100.0	93.4 %	82-124	
		(STK1651973-002)	MSD	mg/L	100.0	93.6 %	82-124	
			MSRPD	mg/L	10.00	0.2%	≤23	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	50.00	106 %	90-110	
			MS	mg/L	100.0	97.4 %	82-124	
		(SP 1611296-003)	MSD	mg/L	100.0	97.5 %	82-124	
			MSRPD	mg/L	10.00	0.1%	≤23	
	300.0	09/23/16:214031MCA	ICB	mg/L		0.078	0.5	
			ICV	mg/L	50.00	108 %	90-110	
			CCB	mg/L		0.082	0.5	
			CCV	mg/L	50.00	107 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	50.00	107 %	90-110	
Perchlorate	314.0	10/07/16:212135SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	96.7 %	85-115	
			MS	ug/L	25.00	104 %	80-120	
		(SP 1611307-001)	MSD	ug/L	25.00	114 %	80-120	
			MSRPD	ug/L	25.00	9.9%	≤15	
	314.0	10/07/16:214738SBL	ICB	ppb		0.00	1.0	
			ICV	ppb	2.000	112 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	10.00	90.6 %	85-115	
Nitrogen, Total Kjeldahl	351.2	09/26/16:211529jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	74.0 %	73-124	
			MS	mg/L	12.00	72.4 %	54-136	
		(CH 1678082-005)	MSD	mg/L	12.00	69.2 %	54-136	
			MSRPD	mg/L	12.00	4.5%	≤27	
Chlorine	4500ClG	09/22/16:213837SJN	CCV	mg/L	1.012	96.7 %	90-110	
			CCB	mg/L		-0.014	0.1	
			CCV	mg/L	1.012	96.3 %	90-110	
			CCB	mg/L		-0.014	0.1	
Chlorine, Residual	4500ClG	(SP 1611199-002)	Dup	mg/L		0.0081	0.1	
Cyanide	4500CNCE	10/02/16:214314AMM	CCV	mg/L	0.1000	98.5 %	90-110	
			CCB	mg/L		0.00008	0.004	

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Cyanide	4500CNCE	10/02/16:214314AMM	CCV	mg/L	0.1000	98.2 %	90-110	
			CCB	mg/L		0.00008	0.004	
Cyanide, Total	4500CNCE	10/02/16:211864AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	101 %	90-110	
			LCS	mg/L	0.4000	95.9 %	90-110	
			MS	mg/L	0.05000	91.8 %	26-226	
		(CC 1683328-001)	MSD	mg/L	0.05000	93.7 %	26-226	
			MSRPD	mg/L	0.05000	2.1%	≤36	
pH	4500-H B	(VI 1643886-001)	Dup	units		0.6%	4.80	
	4500HB	09/23/16:213872JMG	CCV	units	8.000	99.8 %	95-105	
			CCV	units	8.000	99.6 %	95-105	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	121 %	70-130	
		(SP 1611347-002)	MSD	mg/L	2.000	118 %	70-130	
			MSRPD	mg/L	2.000	2.3%	≤20	
	4500NH3G	09/29/16:214161AMB	CCB	mg/L		0.066	0.2	
			CCV	mg/L	2.000	105 %	90-110	
			CCB	mg/L		0.063	0.2	
			CCV	mg/L	2.000	107 %	90-110	
	4500NH3G		MS	mg/L	2.000	117 %	70-130	
		(CC 1683387-001)	MSD	mg/L	2.000	120 %	70-130	
			MSRPD	mg/L	2.000	2.4%	≤20	
	4500NH3G	09/30/16:214218AMB	CCB	mg/L		-0.058	0.2	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.098	0.2	
			CCV	mg/L	2.000	108 %	90-110	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	10.00	104 %	5-285	
		(SP 1611294-016)	MSD	mg/L	10.00	104 %	5-285	
			MSRPD	mg/L	10.00	0.4%	≤30.4	
	4500NO3F	09/23/16:213928JDD	ICB	mg/L		0.054	0.1	
			ICV	mg/L	11.27	102 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	11.27	98.3 %	90-110	
Phosphorus	4500-P B	09/30/16:211822sjn	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	94.4 %	90-116	
			MS	mg/L	0.2500	-1280 %	<¼	
		(CC 1683330-001)	MSD	mg/L	0.2500	-1320 %	<¼	
			MSRPD	mg/L	0.2500	1.7%	≤13.2	
Total Phosphorus	4500PE	10/01/16:214259SJN	CCB	mg/L		-0.014	0.1	
			CCV	mg/L	0.5000	92.2 %	90-110	
			CCB	mg/L		-0.011	0.1	
			CCV	mg/L	0.5000	94.4 %	90-110	
BOD	5210B	09/23/16:211475KMM	RgBlk	mg/L		0.29	2	
			LCS	mg/L	198.0	103 %	84.6-115	
		(SP 1611289-001)	Dup	mg/L		2.1%	15.9	
		(SP 1611289-001)	Dup	mg/L		5.6%	15.9	
		(SP 1611289-001)	Dup	mg/L		32.0%	15.9	440
	5210B	09/28/16:214193AMM	CCV	mg/L	1.000	102 %	80-120	
			CCV	mg/L	1.000	102 %	80-120	
MBAS	5540C	09/23/16:213888JBA	CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	99.9 %	90-110	
			CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	99.9 %	90-110	
			CCB	mg/L		-0.0549	0.25	
			CCV	mg/L	1.000	101 %	90-110	

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
MBAS Extraction	5540C	09/23/16:211523jba	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	102 %	86-114	
			BS	mg/L	0.5000	102 %	86-114	
			BSD	mg/L	0.5000	102 %	86-114	
			BSRPD	mg/L	0.5000	0.0	≤0.1	
Nitrogen, Total Kjeldahl	EPA351.2	09/27/16:213984AMB	CCB	mg/L		-0.352	0.5	
			CCV	mg/L	5.000	96.6 %	90-110	
			CCB	mg/L		-0.382	0.5	
			CCV	mg/L	5.000	106 %	90-110	

Definition

PDS	: PDS failed, matrix - Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
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.
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.
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.
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.
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.
<¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	10/06/16:214751caa	CCV	cpm	8566	51.0 %	43 - 53	
			CCB	cpm		0.0800	0.19	
Beta	900.0	10/06/16:214751caa	CCV	cpm	8566	104 %	93 - 114	
			CCB	cpm		0.3800	0.49	
Gross Alpha	900.0	10/05/16:212000ELC	Blank	pCi/L		0.80	3	
			LCS	pCi/L	107.4	104 %	75-125	
			MS	pCi/L	107.4	190 %	60-140	435
		(SP 1611471-001)	MSD	pCi/L	107.4	179 %	60-140	435
			MSRPD	pCi/L	107.4	6.1%	≤30	
Gross Beta	900.0	10/05/16:212000ELC	Blank	pCi/L		0.05	4	
			LCS	pCi/L	74.25	104 %	75-125	
			MS	pCi/L	74.25	78.5 %	80-130	435
		(SP 1611471-001)	MSD	pCi/L	74.25	87.8 %	80-130	
			MSRPD	pCi/L	107.4	10.8%	≤30	
Alpha	903.0	10/04/16:214423caa	CCV	cpm	8569	42.4 %	38 - 47	
			CCB	cpm		0.100	0.19	
Total Alpha Radium (226)	903.0	09/28/16:211720emv	RgBlk	pCi/L		0.01	2	
			LCS	pCi/L	21.86	76.9 %	52-107	
			BS	pCi/L	21.86	73.5 %	43-111	
			BSD	pCi/L	21.86	72.6 %	43-111	
			BSRPD	pCi/L	21.86	1.3%	≤35.5	
Beta	905.0	10/05/16:214572caa	CCV	cpm	8952	99.6 %	89 - 109	
			CCB	cpm		0.4400	0.52	
Total Strontium	905.0	10/03/16:211855emv	RgBlk	pCi/L		0.69	2	
			LRS	pCi/L	40.56	66.6 %	53-133	
			BS	pCi/L	40.55	83.4 %	75-125	
			BSD	pCi/L	40.55	78.4 %	75-125	
			BSRPD	pCi/L	40.55	6.2%	≤20	
Tritium	906.0	09/26/16:211527caa	Blank	pCi/L		-5	<300	
			LCS	pCi/L	1560	112 %	75-125	
			BS	pCi/L	1560	121 %	75-125	
			BSD	pCi/L	1560	122 %	75-125	
			BSRPD	pCi/L	1560	0.8%	≤25	
	906.0	09/27/16:214017caa	CCV	pCi/L	30040	108 %	90-110	
			CCB	pCi/L		2	500	
Alpha	908.0	09/30/16:214335caa	CCV	cpm	8571	42.9 %	43 - 52	
			CCB	cpm		0.0600	0.12	
Uranium	908.0	09/29/16:211728caa	RgBlk	pCi/L		0.23	1	
			LRS	pCi/L	20.97	54.3 %	54-105	
			BS	pCi/L	20.97	95.2 %	75-125	
			BSD	pCi/L	20.97	96.1 %	75-125	
			BSRPD	pCi/L	20.97	0.9%	≤20	
Beta	Ra - 05	10/05/16:214574emv	CCV	cpm	8952	100 %	89 - 109	
			CCB	cpm		0.3800	0.49	
	Ra - 05	10/05/16:214576caa	CCV	cpm	8952	100 %	89 - 108	
			CCB	cpm		0.4400	0.55	
Ra 228	Ra - 05	10/03/16:211719emv	RgBlk	pCi/L		0.10	3	
			LRS	pCi/L	77.77	52.3 %	27-59	
			BS	pCi/L	77.77	110 %	75-125	
			BSD	pCi/L	77.77	110 %	75-125	
			BSRPD	pCi/L	77.77	0.8%	≤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.

October 13, 2016 Lab ID : SP 1611294
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Radio

Definition	
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.
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.

October 13, 2016

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

Subject: Subcontract Analysis for FGL Lab No. SP 1611294

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613

Please note that this analysis was performed by Vista Analytical Laboratory

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-13

Enclosure

October 04, 2016

Vista Work Order No. 1601221

Ms. Cindy Aguirre
FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Dear Ms. Aguirre,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on September 23, 2016. This sample set was analyzed on a standard turn-around time, under your Project Name 'SP 1611294 - (2-25173)'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Karen Lopez for

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1601221
Case Narrative

Sample Condition on Receipt:

Two monitoring well samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1613B

These samples were extracted and analyzed for 2,3,7,8-TCDD by EPA Method 1613B using a ZB-5MS GC column.

Holding Times

These samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1601221-01	MCWP-04D	22-Sep-16 11:15	23-Sep-16 09:52	Amber Glass NM Bottle, 1L
1601221-02	MCWP-07D	22-Sep-16 08:30	23-Sep-16 09:52	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank — **EPA Method 1613B**

Matrix:	Aqueous	QC Batch:	B6I0173	Lab Sample:	B6I0173-BLK1
Sample Size:	1.00 L	Date Extracted:	29-Sep-2016 8:22	Date Analyzed :	30-Sep-16 19:21 Column: ZB-5MS Analyst: DB

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.00	1.08		IS 13C-2,3,7,8-TCDD	78.5	31 - 137	
					CRS 37Cl-2,3,7,8-TCDD	84.1	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Sample ID:	**OPR**						**EPA Method 1613B**
Matrix:	Aqueous	QC Batch:	B6I0173	Lab Sample:	B6I0173-BS1		
Sample Size:	1.00 L	Date Extracted:	29-Sep-2016 8:22	Date Analyzed:	30-Sep-16 17:45 Column: ZB-5MS Analyst: DB		

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits		Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	195	200	97.4	73 - 146	IS	13C-2,3,7,8-TCDD	87.2	25 - 141
					CRS	37Cl-2,3,7,8-TCDD	86.9	37 - 158

LCL-UCL - Lower control limit - upper control limit

Sample ID: MCWP-04D

EPA Method 1613B

Client Data

Name: FGL Environmental, Inc.
Project: SP 1611294 - (2-25173)
Date Collected: 22-Sep-2016 11:15

Sample Data

Matrix: Monitoring Well
Sample Size: 1.00 L

Laboratory Data

Lab Sample: 1601221-01 Date Received: 23-Sep-2016 9:52
QC Batch: B6I0173 Date Extracted: 29-Sep-2016 8:22
Date Analyzed : 01-Oct-16 03:18 Column: ZB-5MS Analyst: DB

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	4.98	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	83.8	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	90.8	42 - 164	

MDL - Method detection limit
RL - Reporting limit
LCL-UCL- Lower control limit - upper control limit

Sample ID: MCWP-07D **EPA Method 1613B**

Client Data		Sample Data		Laboratory Data			
Name:	FGL Environmental, Inc.	Matrix:	Monitoring Well	Lab Sample:	1601221-02	Date Received:	23-Sep-2016 9:52
Project:	SP 1611294 - (2-25173)	Sample Size:	1.02 L	QC Batch:	B6I0173	Date Extracted:	29-Sep-2016 8:22
Date Collected:	22-Sep-2016 8:30			Date Analyzed :	01-Oct-16 04:05	Column: ZB-5MS	Analyst: DB

Analyte	Conc. (pg/L)	RL	MDL	Qualifiers
2,3,7,8-TCDD	ND	4.88	1.08	

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-2,3,7,8-TCDD	55.6	31 - 137	
CRS	37Cl-2,3,7,8-TCDD	60.6	42 - 164	

MDL - Method detection limit

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

DATA QUALIFIERS & ABBREVIATIONS

B	**This compound was also detected in the method blank.**
D	**Dilution**
E	**The associated compound concentration exceeded the calibration range of the instrument.**
H	**Recovery and/or RPD was outside laboratory acceptance limits.**
I	**Chemical Interference**
J	**The amount detected is below the Reporting Limit/LOQ.**
*****	**See Cover Letter**
Conc.	**Concentration**
NA	**Not applicable**
ND	**Not Detected**
TEQ	**Toxic Equivalency**

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
Nevada Division of Environmental Protection	CA004132015-1
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-004
Pennsylvania Department of Environmental Protection	012
South Carolina Department of Health	87002001
Texas Commission on Environmental Quality	T104704189-15-6
Virginia Department of General Services	7923
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope	EPA 1613B

Dilution GC/HRMS	
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Subcontract to
Vista Analytical Laboratory

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: Fax:

Contact Person:

Project Name: **SP 1611294 - (2-25173)**

Purchase Order Number:

Sampler(s) Rincon

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

Lab Number:

1601221
4.5°C

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)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)	Map Ref.
5	MCWP-04D	09/22/16	11:15	G	MW				2	
6	MCWP-07D	09/22/16	08:30	G	MW				2	

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/22/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac			[signature]	09/23/16	0954			

SAMPLE LOG-IN CHECKLIST

Vista Analytical Laboratory

Vista Project #: 1601221 **TAT** Std

Samples Arrival:	**Date/Time** 09/23/16 0952	**Initials:** YA LB	**Location:** WR-2 **Shelf/Rack:** NA
Logged In:	**Date/Time** 9/23/16 1428	**Initials:** SR	**Location:** WR-2 **Shelf/Rack:** B2

Delivered By:	FedEx	UPS	On Trac	DHL	Hand Delivered	Other
Preservation:	Ice	Blue Ice	Dry Ice	None		
Temp °C: 4.8 (uncorrected)	**Time:** 1008				
Temp °C: 4.5 (corrected)	**Probe used: Yes☐ No☑**			**Thermometer ID:** IR-1	

	YES	NO	NA
Adequate Sample Volume Received? 1L per sample	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill / Trk # 1Z0011012365955	✓		
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Preservation Documented:	$Na_2S_2O_3$	Trizma			Yes	No	NA
Shipping Container	Vista	Client	Retain	Return	Dispose		

Comments:

BLA 09/06/2016

October 13, 2016

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

Subject: Subcontract Analysis for FGL Lab No. SP 1611294

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontracted - Asbestos

Please note that this analysis was performed by EMSL Analytical, Inc. dba LA Testing

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-13

Enclosure

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: 321620969
Customer ID: FGLE25
Customer PO:
Project ID:

Attn: Cindy Aguirre
FGL Environmental
853 Corporation St
Santa Paula, CA 93060

Phone: (805) 392-2024
Fax:
Collected: 09/22/2016
Received: 09/23/2016
Analyzed: 10/07/2016

Proj: SP 1611294 - (2-25173)

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)		
5 321620969-0001	9/23/2016 10:20 AM	100	1288	0.0650	None Detected	ND	0.20	<0.20	0.00 - 0.73
6 321620969-0002	9/23/2016 10:20 AM	100	1288	0.0650	None Detected	ND	0.20	<0.20	0.00 - 0.73

Analyst(s)
Sherrie Ahmad (2)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 10/07/2016 12:12:22

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

Subcontract to
EMSL Analytical, Inc. dba LA Testing

#321620969

Map Ref.

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005
Phone: Fax:
Contact Person:
Project Name: **SP 1611294 - (2-25173)**
Purchase Order Number:

Sampler(s) Rincon

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

Lab Number:

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)	Subcontracted - Asbestos-Drinking Water Please include MDL Reporting 32oz(P)
5	MCWP-04D	09/22/16	11:15	G	MW				1
6	MCWP-07D	09/22/16	08:30	G	MW				1
								6.1°C	

Remarks:

Relinquished: CM Date: 9-22-16 Time: 17:30
Received By: OnTrac Date: 9-22-16 Time: 17:30

Relinquished: OnTrac Date: Time:
Received By: Eeeyehouse Date: 9/23/16 Time: 9AM

Relinquished Date: Time:
Received By: Date: Time:

Page 1 Of 1

OrderID: 321620969

October 5, 2016

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

Lab ID : SP 1611348
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 5 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	(1 page)	: 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
TY-MW-1	09/22/2016	09/23/2016	SP 1611348-008	MW
MCWP-MW05	09/22/2016	09/23/2016	SP 1611348-015	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 at 2 °C. 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	09/26/2016:211570 All preparation quality controls are within established criteria
4500CNCE	10/02/2016:214314 All analysis quality controls are within established criteria
	10/02/2016:211864 All preparation quality controls are within established criteria
4500NO3F	09/23/2016:213928 All analysis quality controls are within established criteria
	09/23/2016:211483 All preparation quality controls are within established criteria

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TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

October 5, 2016 Lab ID : SP 1611348
Rincon Consultants, Inc. Customer : 2-25173

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: 2016-10-06

October 5, 2016

Lab ID : SP 1611348-008
Customer ID : 2-25173

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

Sampled On : September 22, 2016-16:30
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
Matrix : Monitoring Well

Description : TY-MW-1
Project : Malibu WWTP - Baseline GWM

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 P:1'10												
Cyanide, Total	ND	0.01	0.0023	mg/L	1	U	4500CNCE	211864	10/02/16 14:30	4500CNCE	214314-UV207	10/02/16-17:03AMM

DQF Flags Definition:
U Constituent results were non-detect.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: NaOH

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October 5, 2016

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

Description : MCWP-MW05
Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1611348-015
Customer ID : 2-25173

Sampled On : September 22, 2016-15:00
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	2.20	0.1	0.032	mg/L	1		4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:01JDD
Total Dissolved Solids (TFR)	1450	20	5.8	mg/L	1		2540CE	211570	09/26/16 15:48	2540C	213989-WT219	09/27/16-10:18CTL

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: NaOH

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October 5, 2016 Lab ID : SP 1611348
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	09/26/16:211570CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	996.9	99.3 %	90-110	
		(SP 1611196-001)	Dup	mg/L		1.5%	5	
Cyanide	4500CNCE	10/02/16:214314AMM	CCV	mg/L	0.1000	98.5 %	90-110	
			CCB	mg/L		0.00008	0.004	
			CCV	mg/L	0.1000	98.2 %	90-110	
			CCB	mg/L		0.00008	0.004	
Cyanide, Total	4500CNCE	10/02/16:211864AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	101 %	90-110	
			LCS	mg/L	0.4000	95.9 %	90-110	
			MS	mg/L	0.05000	91.8 %	26-226	
		(CC 1683328-001)	MSD	mg/L	0.05000	93.7 %	26-226	
			MSRPD	mg/L	0.05000	2.1%	≤36	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	10.00	107 %	5-285	
		(CH 1678082-001)	MSD	mg/L	10.00	106 %	5-285	
			MSRPD	mg/L	10.00	0.2%	≤30.4	
	4500NO3F	09/23/16:213928JDD	CCB	mg/L		0.047	0.1	
			CCV	mg/L	11.27	97.0 %	90-110	
			CCB	mg/L		0.070	0.1	
			CCV	mg/L	11.27	98.0 %	90-110	

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.
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.

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October 4, 2016

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

SP 1611347:1-10 **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 1611347-001	N-001	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 14:15	09/23/2016 16:33 LMM	09/27/2016 LMM
2	SP 1611347-002	N-002	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 14:25	09/23/2016 16:36 LMM	09/27/2016 LMM
3	SP 1611347-003	N-003	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 12:30	09/23/2016 16:39 LMM	09/27/2016 LMM
4	SP 1611347-004	N-004	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 14:45	09/23/2016 16:42 LMM	09/27/2016 LMM
5	SP 1611347-005	L-001	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 11:45	09/23/2016 16:45 LMM	09/27/2016 LMM
6	SP 1611347-006	L-002	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 13:35	09/23/2016 16:47 LMM	09/27/2016 LMM
7	SP 1611347-007	L-003	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 12:10	09/23/2016 16:50 LMM	09/27/2016 LMM
8	SP 1611347-008	L-004	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 13:10	09/23/2016 16:52 LMM	09/27/2016 LMM
9	SP 1611347-009	L-005	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 12:25	09/23/2016 16:35 LMM	09/26/2016 LMM
10	SP 1611347-010	L-006	Source-Other	Rincon Field	Rincon Consultants I	09/23/2016 13:20	09/23/2016 16:37 RV	09/27/2016 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	N-001	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	240 PRESENT	6.8 PRESENT	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	2 PRESENT	2 PRESENT	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	4.5 PRESENT	<1.8 ABSENT	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	540 PRESENT	79 PRESENT	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	14 PRESENT	4.5 PRESENT	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	23 PRESENT	4.5 PRESENT	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	17 PRESENT	4.5 PRESENT	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	7.8 PRESENT	7.8 PRESENT	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	7.8 PRESENT	7.8 PRESENT	---	N/R			

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

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October 4, 2016

SP 1611347:1-10 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

Rincon Consultants, Inc.

The sample(s) listed below failed drinking water standards for Total and/or Fecal Coliform as listed:
N-002 Total Coliform - Failure, Fecal Coliform - Failure.
N-003 Total Coliform - Failure, Fecal Coliform - Failure.
N-004 Total Coliform - Failure.
L-001 Total Coliform - Failure, Fecal Coliform - Failure.
L-002 Total Coliform - Failure, Fecal Coliform - Failure.
L-003 Total Coliform - Failure, Fecal Coliform - Failure.
L-004 Total Coliform - Failure, Fecal Coliform - Failure.
L-005 Total Coliform - Failure, Fecal Coliform - Failure.
L-006 Total Coliform - Failure, Fecal Coliform - Failure.

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

RRH:SMH

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2008-12-15

October 12, 2016

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

Lab ID : SP 1611347
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	09/23/2016	09/23/2016	SP 1611347-001	SW
N-002	09/23/2016	09/23/2016	SP 1611347-002	SW
N-003	09/23/2016	09/23/2016	SP 1611347-003	SW
N-004	09/23/2016	09/23/2016	SP 1611347-004	SW
L-001	09/23/2016	09/23/2016	SP 1611347-005	SW
L-002	09/23/2016	09/23/2016	SP 1611347-006	SW
L-003	09/23/2016	09/23/2016	SP 1611347-007	SW
L-004	09/23/2016	09/23/2016	SP 1611347-008	SW
L-005	09/23/2016	09/23/2016	SP 1611347-009	SW
L-006	09/23/2016	09/23/2016	SP 1611347-010	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 at 2 °C. 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	09/28/2016:211664 All preparation quality controls are within established criteria
4500NH3G	09/29/2016:214161 All analysis quality controls are within established criteria
	09/29/2016:211726 All preparation quality controls are within established criteria
4500NO2F	09/23/2016:211492 All preparation quality controls are within established criteria

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October 12, 2016 Lab ID : SP 1611347
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	09/23/2016:213921 All analysis quality controls are within established criteria
	09/23/2016:213928 All analysis quality controls are within established criteria
	09/23/2016:211483 All preparation quality controls are within established criteria
4500-P B	10/04/2016:211976 All preparation quality controls are within established criteria
4500PE	10/06/2016:214453 All analysis quality controls are within established criteria
EPA351.2	09/29/2016:214141 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: 2016-10-12

October 12, 2016

Lab ID : SP 1611347-001
Customer ID : 2-25173

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

Sampled On : September 23, 2016-14:15
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:14JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:10JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:40AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:40AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ub	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:34AMB
Phosphorus, Total	1.97	0.1	0.031	mg/L	1		4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:05SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

Lab ID : SP 1611347-002
Customer ID : 2-25173

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

Sampled On : September 23, 2016-14:25
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:16JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:12JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-06:55AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-06:55AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ub	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:35AMB
Phosphorus, Total	1.30	0.1	0.031	mg/L	1		4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:06SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

Lab ID : SP 1611347-003
Customer ID : 2-25173

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

Sampled On : September 23, 2016-12:30
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:18JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:14JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:07AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:07AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ub	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:36AMB
Phosphorus, Total	1.46	0.1	0.031	mg/L	1		4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:07SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

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

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

Lab ID : SP 1611347-004
Customer ID : 2-25173

Sampled On : September 23, 2016-14:45
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:20JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:16JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:40AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:40AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ub	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:37AMB
Phosphorus, Total	1.29	0.1	0.031	mg/L	1		4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:08SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

Lab ID : SP 1611347-005
Customer ID : 2-25173

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

Sampled On : September 23, 2016-11:45
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0900	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:26JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:23JDD
Nitrogen, Organic	1.04	0.5	0.072	mg/L	1	b	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:37AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:37AMB
Kjeldahl Nitrogen	1.04	0.5	0.32	mg/L	1	b	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:38AMB
Phosphorus, Total	0.153	0.1	0.031	mg/L	1		4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:09SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

Lab ID : SP 1611347-006
Customer ID : 2-25173

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

Sampled On : September 23, 2016-13:35
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:29JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:25JDD
Nitrogen, Organic	0.770	0.5	0.072	mg/L	1	Jb	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:54AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:54AMB
Kjeldahl Nitrogen	0.770	0.5	0.32	mg/L	1	Jb	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:39AMB
Phosphorus, Total	0.0474	0.1	0.031	mg/L	1	J	4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:10SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

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 1611347-007
Customer ID : 2-25173

Sampled On : September 23, 2016-12:10
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:31JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:27JDD
Nitrogen, Organic	1.21	0.5	0.072	mg/L	1	b	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:30AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-08:30AMB
Kjeldahl Nitrogen	1.21	0.5	0.32	mg/L	1	b	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:41AMB
Phosphorus, Total	0.0918	0.1	0.031	mg/L	1	J	4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:11SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

Lab ID : SP 1611347-008
Customer ID : 2-25173

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

Sampled On : September 23, 2016-13:10
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:33JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:29JDD
Nitrogen, Organic	0.627	0.5	0.072	mg/L	1	Jb	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:26AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:26AMB
Kjeldahl Nitrogen	0.627	0.5	0.32	mg/L	1	Jb	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:42AMB
Phosphorus, Total	0.0946	0.1	0.031	mg/L	1	J	4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:12SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

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

Lab ID : SP 1611347-009
Customer ID : 2-25173

Sampled On : September 23, 2016-12:25
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:46JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:42JDD
Nitrogen, Organic	0.426	0.5	0.072	mg/L	1	Jb	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:07AMB
Ammonia Nitrogen	0.104	0.2	0.072	mg/L	1	J	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-07:07AMB
Kjeldahl Nitrogen	0.530	0.5	0.32	mg/L	1	Jb	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:45AMB
Phosphorus, Total	0.0418	0.1	0.031	mg/L	1	J	4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:13SJN

DQF Flags Definition:

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

J To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016

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

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

Lab ID : SP 1611347-010
Customer ID : 2-25173

Sampled On : September 23, 2016-13:20
Sampled By : Rincon Field
Received On : September 23, 2016-16:15
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 P:1												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	211483	09/23/16 15:00	4500NO3F	213928-FI207	09/23/16-18:48JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	211492	09/23/16 15:00	4500NO3F	213921-FI207	09/23/16-18:44JDD
Nitrogen, Organic	1.24	0.5	0.072	mg/L	1	b	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-06:46AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211726	09/29/16 04:45	4500NH3G	214161-FI207	09/29/16-06:46AMB
Kjeldahl Nitrogen	1.24	0.5	0.32	mg/L	1	b	351.2	211664	09/28/16 08:52	EPA351.2	214141-FI206	09/29/16-07:46AMB
Phosphorus, Total	0.0613	0.1	0.031	mg/L	1	J	4500-P B	211976	10/04/16 16:28	4500PE	214453-UV205	10/06/16-16:14SJN

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	To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2

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October 12, 2016 Lab ID : SP 1611347
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	09/28/16:211664jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	94.4 %	73-124	
			MS	mg/L	12.00	90.1 %	54-136	
		(CC 1683310-003)	MSD	mg/L	12.00	86.9 %	54-136	
			MSRPD	mg/L	12.00	3.4%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	114 %	70-130	
		(CC 1683369-001)	MSD	mg/L	2.000	105 %	70-130	
			MSRPD	mg/L	2.000	6.9%	≤20	
			MS	mg/L	2.000	121 %	70-130	
		(SP 1611347-002)	MSD	mg/L	2.000	118 %	70-130	
			MSRPD	mg/L	2.000	2.3%	≤20	
			MS	mg/L	2.000	113 %	70-130	
		(SP 1611347-003)	MSD	mg/L	2.000	112 %	70-130	
			MSRPD	mg/L	2.000	0.8%	≤20	
	4500NH3G	09/29/16:214161AMB	CCB	mg/L		0.093	0.2	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		0.066	0.2	
			CCV	mg/L	2.000	105 %	90-110	
			CCB	mg/L		0.063	0.2	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		0.006	0.2	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		0.033	0.2	
			CCV	mg/L	2.000	106 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.270	79.3 %	50-150	
		(CH 1678082-001)	MSD	mg/L	1.270	78.7 %	50-150	
			MSRPD	mg/L	1.270	0.8%	≤30	
			MS	mg/L	1.270	86.5 %	50-150	
		(SP 1611347-005)	MSD	mg/L	1.270	85.7 %	50-150	
			MSRPD	mg/L	1.270	0.9%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	10.00	107 %	5-285	
		(CH 1678082-001)	MSD	mg/L	10.00	106 %	5-285	
			MSRPD	mg/L	10.00	0.2%	≤30.4	
			MS	mg/L	10.00	111 %	5-285	
		(SP 1611347-005)	MSD	mg/L	10.00	111 %	5-285	
			MSRPD	mg/L	10.00	0.2%	≤30.4	
	4500NO3F	09/23/16:213928JDD	CCB	mg/L		0.059	0.1	
			CCV	mg/L	11.27	98.0 %	90-110	
			CCB	mg/L		0.037	0.1	
			CCB	mg/L		0.040	0.1	
			CCV	mg/L	11.27	97.6 %	90-110	
			CCB	mg/L		0.039	0.1	
			CCV	mg/L	11.27	98.1 %	90-110	
Nitrite as Nitrogen	4500NO3F	09/23/16:213921JDD	CCB	mg/L		0.00800	0.012	
			CCV	mg/L	1.270	97.1 %	90-110	
			CCB	mg/L		0.00900	0.012	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.270	97.2 %	90-110	
			CCB	mg/L		0.01100	0.012	
			CCV	mg/L	1.270	98.3 %	90-110	
Phosphorus	4500-P B	10/04/16:211976sjn	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	98.9 %	90-116	
			MS	mg/L	0.2500	-1590 %	<¼	
		(CC 1683409-001)	MSD	mg/L	0.2500	-1500 %	<¼	
			MSRPD	mg/L	0.2500	3.8%	≤13.2	

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October 12, 2016 Lab ID : SP 1611347
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Phosphorus	4500PE	10/06/16:214453SJN	CCB	mg/L		-0.011	0.1	
			CCV	mg/L	0.5000	101 %	90-110	
			CCB	mg/L		-0.016	0.1	
			CCV	mg/L	0.5000	96.7 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	09/29/16:214141AMB	CCB	mg/L		-0.139	0.5	
			CCV	mg/L	5.000	96.6 %	90-110	
			CCB	mg/L		-0.142	0.5	
			CCV	mg/L	5.000	90.4 %	90-110	
			CCB	mg/L		-0.061	0.5	
			CCV	mg/L	5.000	96.3 %	90-110	

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.
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.
<¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

October 25, 2016

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

Subject: Subcontract Analyses for FGL Lab No. SP 1611294

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 525
- Sub Inorganic-Bromate,Chlorite, Low-Level

Please note that this analysis was performed by Babcock Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-25

Enclosure

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 1 of 6
Project Name: No Project

Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Submitted	By
B6I2278-01	SP 1611294 - (2-25173) 5 MCWP-04D Grab	Water	09/22/16 11:15	Rincon	09/23/16 10:20	Courier (OnTrac)
B6I2278-02	SP 1611294 - (2-25173) 6 MCWP-07D Grab	Water	09/22/16 08:30	Rincon	09/23/16 10:20	Courier (OnTrac)

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
B6I2278-01

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611294 - (2-25173) 5 MCWP-04D	Water	09/22/16 11:15	09/23/16 10:20

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		5.0	2.2	ug/L	EPA 300.1	10/19/16 11:28	ara	
Chlorite	ND		0.020	0.00091	mg/L	EPA 300.1	10/19/16 11:28	ara	N_HTa
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 19:40	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 19:40	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 19:40	JHR	
Surrogate: 4-Terphenyl-d14	92.1	%	70-130			EPA 525.2	09/29/16 19:40	JHR	
Surrogate: Triphenyl phosphate	94.8	%	50-150			EPA 525.2	09/29/16 19:40	JHR	

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number
B6I2278-02

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611294 - (2-25173) 6 MCWP-07D	Water	09/22/16 08:30	09/23/16 10:20

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides								
Bromate	ND	5.0	2.2	ug/L	EPA 300.1	10/19/16 12:37	ara	
Chlorite	0.024	0.020	0.00091	mg/L	EPA 300.1	10/19/16 12:37	ara	N_HTa
Semivolatile Organic Compounds by EPA 525.2								
Benzo(a)pyrene	ND	0.10	0.090	ug/L	EPA 525.2	09/29/16 20:05	JHR	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	09/29/16 20:05	JHR	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	09/29/16 20:05	JHR	
Surrogate: 4-Terphenyl-d14	95.2 %	70-130			EPA 525.2	09/29/16 20:05	JHR	
Surrogate: Triphenyl phosphate	101 %	50-150			EPA 525.2	09/29/16 20:05	JHR	

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Oxyhalides - Batch Quality Control

Analyte(s)	Result	RDL		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 6J18109 - Analyzed as Received IC											
Blank (6J18109-BLK1)					Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L							
Chlorite	ND	0.020	0.00091	mg/L							
Surrogate: Dichloroacetate	*1.04*			mg/L	*1.00*		*104*	*90-115*			
LCS (6J18109-BS1)					Prepared & Analyzed: 10/19/16						
Bromate	14.2	5.0	2.2	ug/L	15.0		94.5	75-125			
Chlorite	0.196	0.020	0.00091	mg/L	0.200		98.1	85-115			
Surrogate: Dichloroacetate	*1.03*			mg/L	*1.00*		*103*	*90-115*			
Duplicate (6J18109-DUP1)		**Source: B6I2959-01**			Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L		ND				20	
Chlorite	ND	0.020	0.00091	mg/L		ND				10	
Surrogate: Dichloroacetate	*0.927*			mg/L	*1.00*		*92.7*	*90-115*			
Duplicate (6J18109-DUP2)		**Source: B6I2278-01**			Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L		ND				20	
Chlorite	ND	0.020	0.00091	mg/L		ND				10	
Surrogate: Dichloroacetate	*0.903*			mg/L	*1.00*		*90.3*	*90-115*			
Matrix Spike (6J18109-MS1)		**Source: B6I2959-01**			Prepared & Analyzed: 10/19/16						
Bromate	16.9	10	4.5	ug/L	30.0	ND	56.5	75-125			QFnt, QMout
Chlorite	0.408	0.040	0.0018	mg/L	0.400	ND	102	75-125			
Surrogate: Dichloroacetate	*1.92*			mg/L	*2.00*		*95.9*	*90-115*			
Matrix Spike (6J18109-MS2)		**Source: B6I2278-01**			Prepared & Analyzed: 10/19/16						
Bromate	25.6	10	4.5	ug/L	30.0	ND	85.4	75-125			
Chlorite	0.340	0.040	0.0018	mg/L	0.400	ND	85.1	75-125			
Surrogate: Dichloroacetate	*1.90*			mg/L	*2.00*		*95.0*	*90-115*			

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 6I28079 - EPA 525 Disk Extract											
Blank (6I28079-BLK1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	ND	0.10	0.090	ug/L							
DEH-Adipate	ND	5.0	0.18	ug/L							
DEH-Phthalate	ND	3.0	0.81	ug/L							
Surrogate: 4-Terphenyl-d14	*5.2*			ug/L	*5.00*		*104*	*70-130*			
Surrogate: Triphenyl phosphate	*5.6*			ug/L	*5.00*		*112*	*50-150*			
LCS (6I28079-BS1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	4.91	0.10	0.090	ug/L	5.00		98.1	70-136			
DEH-Adipate	5.80	5.0	0.18	ug/L	5.00		116	70-159			
DEH-Phthalate	5.04	3.0	0.81	ug/L	5.00		101	70-137			
Surrogate: 4-Terphenyl-d14	*4.7*			ug/L	*5.00*		*94.8*	*70-130*			
Surrogate: Triphenyl phosphate	*5.2*			ug/L	*5.00*		*104*	*50-150*			
LCS Dup (6I28079-BSD1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	5.07	0.10	0.090	ug/L	5.00		101	70-136	3.26	40	
DEH-Adipate	6.48	5.0	0.18	ug/L	5.00		130	70-159	11.0	40	
DEH-Phthalate	5.42	3.0	0.81	ug/L	5.00		108	70-137	7.26	40	
Surrogate: 4-Terphenyl-d14	*4.6*			ug/L	*5.00*		*91.2*	*70-130*			
Surrogate: Triphenyl phosphate	*5.0*			ug/L	*5.00*		*101*	*50-150*			
Matrix Spike (6I28079-MS1)		**Source: B6I2654-01**			Prepared: 09/28/16 Analyzed: 09/29/16						**Q_nes**
Benzo(a)pyrene	4.52	0.10	0.090	ug/L	4.76	ND	95.0	61-138			
DEH-Adipate	8.30	5.0	0.18	ug/L	4.76	ND	174	70-159			QMint
DEH-Phthalate	5.95	3.0	0.81	ug/L	4.76	ND	125	70-142			
Surrogate: 4-Terphenyl-d14	*5.2*			ug/L	*4.76*		*110*	*70-130*			
Surrogate: Triphenyl phosphate	*6.9*			ug/L	*4.76*		*144*	*50-150*			

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Notes and Definitions

N_HTa	Sample analyzed outside of the EPA recommended holding time.
Q_nes	Insufficient sample for the sample duplicate and/or MS/MSD analysis.
QFnt	The referenced sample did not require this QC analyte, so a follow-up is not needed.
QMint	Due to matrix interference, the MS and/or MSD did not meet laboratory acceptance criteria.
QMout	MS and/or MSD recovery did not meet laboratory acceptance criteria.
ND:	Analyte NOT DETECTED at or above the Method Detection Limit **(if MDL is reported)**, otherwise at or above the Reportable Detection Limit (RDL)
NR:	Not Reported
RDL:	Reportable Detection Limit
MDL:	Method Detection Limit
* / ''' :	NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

Nancy H. Boulineau For Cindy A. Waddell

cc:

e-Standard_No Alias.rpt

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 1 of 1
Project Name: No Project

Project Number: SP 1611294 - (2-25173)

Work Order Number: B6I2278

Received on Ice (Y/N): Yes Temp: 4 °C

Subcontract to Babcock Laboratories, Inc.

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005
Phone: Fax:
Contact Person:
Project Name: **SP 1611294 - (2-25173)**
Purchase Order Number:

Sampler(s) Rincon

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

Lab Number:

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)	Sub Organic-EPA 525 ***Run Travel Blank Only if Needed*** Please include MDL Reporting 1000ml(AGT)-HCl	Sub Inorganic-Bromate,Chlorite, Low-Level Please include MDL Reporting 40ml(VOA)-Ethylenediamine	Map Ref.
5	MCWP-04D	09/22/16	11:15	G	MW				1	1	
6	MCWP-07D	09/22/16	08:30	G	MW				1	1	

Remarks: 4°C

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/22/16	17:10	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac	↓	↓	Angie Brown ESB	9/23/16	10:20			

B6I2278 AB
SEP 23 2016

mailing
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location
6100 Quail Valley Court
Riverside, CA 92507-0704

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CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119

October 25, 2016

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

Subject: Subcontract Analyses for FGL Lab No. SP 1611199

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 525
- Sub Inorganic-Bromate,Chlorite, Low-Level

Please note that this analysis was performed by Babcock Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-25

Enclosure

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 1 of 8
Project Name: No Project

Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Submitted	By
B6I2157-01	SP 1611199 - (2-25173) 2 MCWP-MW04S Grab	Water	09/21/16 12:45	Rincon (Field)	09/22/16 09:51	Courier (OnTrac)
B6I2157-02	SP 1611199 - (2-25173) 4 SMBRP-12 Grab	Water	09/21/16 10:10	Rincon (Field)	09/22/16 09:51	Courier (OnTrac)
B6I2157-03	SP 1611199 - (2-25173) 7 MCWP-MW09 Grab	Water	09/21/16 11:30	Rincon (Field)	09/22/16 09:51	Courier (OnTrac)
B6I2157-04	SP 1611199 - (2-25173) 8 TY-MW-1 Grab	Water	09/21/16 08:30	Rincon (Field)	09/22/16 09:51	Courier (OnTrac)

BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number
B6I2157-01

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611199 - (2-25173) 2 MCWP-MW04S	Water	09/21/16 12:45	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		50	22	ug/L	EPA 300.1	10/19/16 16:56	ara	N_RLm
Chlorite	ND		0.20	0.0091	mg/L	EPA 300.1	10/19/16 16:56	ara	N_HTa, N_RLm
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 15:55	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 15:55	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 15:55	JHR	
Surrogate: 4-Terphenyl-d14	95.8	%	70-130			EPA 525.2	09/29/16 15:55	JHR	
Surrogate: Triphenyl phosphate	116	%	50-150			EPA 525.2	09/29/16 15:55	JHR	

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number
B6I2157-02

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611199 - (2-25173) 4 SMBRP-12	Water	09/21/16 10:10	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		50	22	ug/L	EPA 300.1	10/19/16 17:31	ara	N_RLm
Chlorite	ND		0.20	0.0091	mg/L	EPA 300.1	10/19/16 17:31	ara	N_HTa, N_RLm
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 16:20	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 16:20	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 16:20	JHR	
Surrogate: 4-Terphenyl-d14	91.3	%	70-130			EPA 525.2	09/29/16 16:20	JHR	
Surrogate: Triphenyl phosphate	105	%	50-150			EPA 525.2	09/29/16 16:20	JHR	

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

B6I2157-03

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611199 - (2-25173) 7 MCWP-MW09	Water	09/21/16 11:30	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		50	22	ug/L	EPA 300.1	10/19/16 22:58	ara	N_RLm
Chlorite	ND		0.20	0.0091	mg/L	EPA 300.1	10/19/16 22:58	ara	N_HTa, N_RLm
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 16:45	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 16:45	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 16:45	JHR	
Surrogate: 4-Terphenyl-d14	96.6	%	70-130			EPA 525.2	09/29/16 16:45	JHR	
Surrogate: Triphenyl phosphate	90.2	%	50-150			EPA 525.2	09/29/16 16:45	JHR	

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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

B6I2157-04

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611199 - (2-25173) 8 TY-MW-1	Water	09/21/16 08:30	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		25	11	ug/L	EPA 300.1	10/19/16 18:40	ara	N_RLm
Chlorite	ND		0.10	0.0046	mg/L	EPA 300.1	10/19/16 18:40	ara	N_HTa, N_RLm
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 17:10	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 17:10	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 17:10	JHR	
Surrogate: 4-Terphenyl-d14	105	%	70-130			EPA 525.2	09/29/16 17:10	JHR	
Surrogate: Triphenyl phosphate	126	%	50-150			EPA 525.2	09/29/16 17:10	JHR	

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Oxyhalides - Batch Quality Control

Analyte(s)	Result	RDL		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 6J18109 - Analyzed as Received IC											
Blank (6J18109-BLK1)					Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L							
Chlorite	ND	0.020	0.00091	mg/L							
Surrogate: Dichloroacetate	*1.04*			mg/L	*1.00*		*104*	*90-115*			
LCS (6J18109-BS1)					Prepared & Analyzed: 10/19/16						
Bromate	14.2	5.0	2.2	ug/L	15.0		94.5	75-125			
Chlorite	0.196	0.020	0.00091	mg/L	0.200		98.1	85-115			
Surrogate: Dichloroacetate	*1.03*			mg/L	*1.00*		*103*	*90-115*			
Duplicate (6J18109-DUP1)		**Source: B6I2959-01**			Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L		ND				20	
Chlorite	ND	0.020	0.00091	mg/L		ND				10	
Surrogate: Dichloroacetate	*0.927*			mg/L	*1.00*		*92.7*	*90-115*			
Duplicate (6J18109-DUP2)		**Source: B6I2278-01**			Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L		ND				20	
Chlorite	ND	0.020	0.00091	mg/L		ND				10	
Surrogate: Dichloroacetate	*0.903*			mg/L	*1.00*		*90.3*	*90-115*			
Matrix Spike (6J18109-MS1)		**Source: B6I2959-01**			Prepared & Analyzed: 10/19/16						
Bromate	16.9	10	4.5	ug/L	30.0	ND	56.5	75-125			QFnt, QMout
Chlorite	0.408	0.040	0.0018	mg/L	0.400	ND	102	75-125			
Surrogate: Dichloroacetate	*1.92*			mg/L	*2.00*		*95.9*	*90-115*			
Matrix Spike (6J18109-MS2)		**Source: B6I2278-01**			Prepared & Analyzed: 10/19/16						
Bromate	25.6	10	4.5	ug/L	30.0	ND	85.4	75-125			
Chlorite	0.340	0.040	0.0018	mg/L	0.400	ND	85.1	75-125			
Surrogate: Dichloroacetate	*1.90*			mg/L	*2.00*		*95.0*	*90-115*			

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 6I28079 - EPA 525 Disk Extract											
Blank (6I28079-BLK1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	ND	0.10	0.090	ug/L							
DEH-Adipate	ND	5.0	0.18	ug/L							
DEH-Phthalate	ND	3.0	0.81	ug/L							
Surrogate: 4-Terphenyl-d14	*5.2*			ug/L	*5.00*		*104*	*70-130*			
Surrogate: Triphenyl phosphate	*5.6*			ug/L	*5.00*		*112*	*50-150*			
LCS (6I28079-BS1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	4.91	0.10	0.090	ug/L	5.00		98.1	70-136			
DEH-Adipate	5.80	5.0	0.18	ug/L	5.00		116	70-159			
DEH-Phthalate	5.04	3.0	0.81	ug/L	5.00		101	70-137			
Surrogate: 4-Terphenyl-d14	*4.7*			ug/L	*5.00*		*94.8*	*70-130*			
Surrogate: Triphenyl phosphate	*5.2*			ug/L	*5.00*		*104*	*50-150*			
LCS Dup (6I28079-BSD1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	5.07	0.10	0.090	ug/L	5.00		101	70-136	3.26	40	
DEH-Adipate	6.48	5.0	0.18	ug/L	5.00		130	70-159	11.0	40	
DEH-Phthalate	5.42	3.0	0.81	ug/L	5.00		108	70-137	7.26	40	
Surrogate: 4-Terphenyl-d14	*4.6*			ug/L	*5.00*		*91.2*	*70-130*			
Surrogate: Triphenyl phosphate	*5.0*			ug/L	*5.00*		*101*	*50-150*			
Matrix Spike (6I28079-MS1)		**Source: B6I2654-01**			Prepared: 09/28/16 Analyzed: 09/29/16						**Q_nes**
Benzo(a)pyrene	4.52	0.10	0.090	ug/L	4.76	ND	95.0	61-138			
DEH-Adipate	8.30	5.0	0.18	ug/L	4.76	ND	174	70-159			QMint
DEH-Phthalate	5.95	3.0	0.81	ug/L	4.76	ND	125	70-142			
Surrogate: 4-Terphenyl-d14	*5.2*			ug/L	*4.76*		*110*	*70-130*			
Surrogate: Triphenyl phosphate	*6.9*			ug/L	*4.76*		*144*	*50-150*			

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Notes and Definitions

N_HTa	Sample analyzed outside of the EPA recommended holding time.
N_RLm	Due to sample matrix, the reporting limit has been raised.
Q_nes	Insufficient sample for the sample duplicate and/or MS/MSD analysis.
QFnt	The referenced sample did not require this QC analyte, so a follow-up is not needed.
QMint	Due to matrix interference, the MS and/or MSD did not meet laboratory acceptance criteria.
QMout	MS and/or MSD recovery did not meet laboratory acceptance criteria.
ND:	Analyte NOT DETECTED at or above the Method Detection Limit **(if MDL is reported)**, otherwise at or above the Reportable Detection Limit (RDL)
NR:	Not Reported
RDL:	Reportable Detection Limit
MDL:	Method Detection Limit
* / ''' :	NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

Nancy H. Boulineau For Cindy A. Waddell

cc:

e-Standard_No Alias.rpt

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EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119

BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 1 of 1
Project Name: No Project
Project Number: SP 1611199 - (2-25173)

Work Order Number: B6I2157

Received on Ice (Y/N): Yes Temp: 2 °C

Subcontract to Babcock Laboratories, Inc.

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005
Phone: Fax:
Contact Person:
Project Name: **SP 1611199 - (2-25173)**
Purchase Order Number:
Sampler(s) Rincon (Field)
Compositor Setup Date: ___/___/___ Time: ___/___
Lab Number:

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)
Sub Organic-EPA 525
Run Travel Blank Only if Needed Please include MDL Reporting 1000ml(AGT)-HCl
Sub Inorganic-Bromate,Chlorite, Low-Level
Please include MDL Reporting 40ml(VOA)-Ethylenediamine
Map Ref.

Samp Num	Location Description	Date Sampled	Time Sampled															
0	Travel Blank	09/21/16	00:00	G	LBW				1									
2	MCWP-MW04S	09/21/16	12:45	G	MW				1	1								
4	SMBRP-12	09/21/16	10:10	G	MW				1	1								
7	MCWP-MW09	09/21/16	11:30	G	MW				1	1								
8	TY-MW-1	09/21/16	08:30	G	MW				1	1								

B6I2157 AB
SEP 22 2016

Remarks: 2°C

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	9/21/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac	09/21/16		Angie Brown ESP	9/22/16	9:5			

mailing
P.O Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
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www.babcocklabs.com

CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119

October 25, 2016

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

Subject: Subcontract Analyses for FGL Lab No. SP 1611120

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 525
- Sub Inorganic-Bromate,Chlorite, Low-Level

Please note that this analysis was performed by Babcock Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2016-10-25

Enclosure

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 1 of 7
Project Name: No Project

Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Submitted	By
B6I2172-01	SP 1611120 - (2-25173) 1 SMBRP-9 Grab	Water	09/20/16 08:30	Client	09/22/16 09:51	Courier (OnTrac)
B6I2172-02	SP 1611120 - (2-25173) 3 MCWP-MW07S Grab	Water	09/20/16 11:10	Client	09/22/16 09:51	Courier (OnTrac)
B6I2172-03	SP 1611120 - (2-25173) 9 LAMW-5S Grab	Water	09/20/16 10:00	Client	09/22/16 09:51	Courier (OnTrac)

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 2 of 7
Project Name: No Project

Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

B6I2172-01

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611120 - (2-25173) 1 SMBRP-9	Water	09/20/16 08:30	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		25	11	ug/L	EPA 300.1	10/19/16 19:15	ara	N_HTa, N_RLm
Chlorite	ND		0.10	0.0046	mg/L	EPA 300.1	10/19/16 19:15	ara	N_HTa, N_RLm
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 17:35	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 17:35	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 17:35	JHR	
Surrogate: 4-Terphenyl-d14	97.6	%	70-130			EPA 525.2	09/29/16 17:35	JHR	
Surrogate: Triphenyl phosphate	106	%	50-150			EPA 525.2	09/29/16 17:35	JHR	

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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number
B6I2172-02

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611120 - (2-25173) 3 MCWP-MW07S	Water	09/20/16 11:10	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		5.0	2.2	ug/L	EPA 300.1	10/19/16 10:19	ara	N_HTa
Chlorite	ND		0.020	0.00091	mg/L	EPA 300.1	10/19/16 10:19	ara	N_HTa
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 18:00	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 18:00	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 18:00	JHR	
Surrogate: 4-Terphenyl-d14	103	%	70-130			EPA 525.2	09/29/16 18:00	JHR	
Surrogate: Triphenyl phosphate	111	%	50-150			EPA 525.2	09/29/16 18:00	JHR	

BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number
B6I2172-03

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SP 1611120 - (2-25173) 9 LAMW-5S	Water	09/20/16 10:00	09/22/16 9:51

Analyte(s)	Result		RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Oxyhalides									
Bromate	ND		5.0	2.2	ug/L	EPA 300.1	10/19/16 10:53	ara	N_HTa
Chlorite	ND		0.020	0.00091	mg/L	EPA 300.1	10/19/16 10:53	ara	N_HTa
Semivolatile Organic Compounds by EPA 525.2									
Benzo(a)pyrene	ND		0.10	0.090	ug/L	EPA 525.2	09/29/16 18:25	JHR	
DEH-Adipate	ND		5.0	0.18	ug/L	EPA 525.2	09/29/16 18:25	JHR	
DEH-Phthalate	ND		3.0	0.81	ug/L	EPA 525.2	09/29/16 18:25	JHR	
Surrogate: 4-Terphenyl-d14	103	%	70-130			EPA 525.2	09/29/16 18:25	JHR	
Surrogate: Triphenyl phosphate	107	%	50-150			EPA 525.2	09/29/16 18:25	JHR	

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Oxyhalides - Batch Quality Control

Analyte(s)	Result	RDL		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 6J18109 - Analyzed as Received IC											
Blank (6J18109-BLK1)					Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L							
Chlorite	ND	0.020	0.00091	mg/L							
Surrogate: Dichloroacetate	*1.04*			mg/L	*1.00*		*104*	*90-115*			
LCS (6J18109-BS1)					Prepared & Analyzed: 10/19/16						
Bromate	14.2	5.0	2.2	ug/L	15.0		94.5	75-125			
Chlorite	0.196	0.020	0.00091	mg/L	0.200		98.1	85-115			
Surrogate: Dichloroacetate	*1.03*			mg/L	*1.00*		*103*	*90-115*			
Duplicate (6J18109-DUP1)		**Source: B6I2959-01**			Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L		ND				20	
Chlorite	ND	0.020	0.00091	mg/L		ND				10	
Surrogate: Dichloroacetate	*0.927*			mg/L	*1.00*		*92.7*	*90-115*			
Duplicate (6J18109-DUP2)		**Source: B6I2278-01**			Prepared & Analyzed: 10/19/16						
Bromate	ND	5.0	2.2	ug/L		ND				20	
Chlorite	ND	0.020	0.00091	mg/L		ND				10	
Surrogate: Dichloroacetate	*0.903*			mg/L	*1.00*		*90.3*	*90-115*			
Matrix Spike (6J18109-MS1)		**Source: B6I2959-01**			Prepared & Analyzed: 10/19/16						
Bromate	16.9	10	4.5	ug/L	30.0	ND	56.5	75-125			QFnt, QMout
Chlorite	0.408	0.040	0.0018	mg/L	0.400	ND	102	75-125			
Surrogate: Dichloroacetate	*1.92*			mg/L	*2.00*		*95.9*	*90-115*			
Matrix Spike (6J18109-MS2)		**Source: B6I2278-01**			Prepared & Analyzed: 10/19/16						
Bromate	25.6	10	4.5	ug/L	30.0	ND	85.4	75-125			
Chlorite	0.340	0.040	0.0018	mg/L	0.400	ND	85.1	75-125			
Surrogate: Dichloroacetate	*1.90*			mg/L	*2.00*		*95.0*	*90-115*			

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project
Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 6I28079 - EPA 525 Disk Extract											
Blank (6I28079-BLK1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	ND	0.10	0.090	ug/L							
DEH-Adipate	ND	5.0	0.18	ug/L							
DEH-Phthalate	ND	3.0	0.81	ug/L							
Surrogate: 4-Terphenyl-d14	*5.2*			ug/L	*5.00*		*104*	*70-130*			
Surrogate: Triphenyl phosphate	*5.6*			ug/L	*5.00*		*112*	*50-150*			
LCS (6I28079-BS1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	4.91	0.10	0.090	ug/L	5.00		98.1	70-136			
DEH-Adipate	5.80	5.0	0.18	ug/L	5.00		116	70-159			
DEH-Phthalate	5.04	3.0	0.81	ug/L	5.00		101	70-137			
Surrogate: 4-Terphenyl-d14	*4.7*			ug/L	*5.00*		*94.8*	*70-130*			
Surrogate: Triphenyl phosphate	*5.2*			ug/L	*5.00*		*104*	*50-150*			
LCS Dup (6I28079-BSD1)					Prepared: 09/28/16 Analyzed: 09/29/16						
Benzo(a)pyrene	5.07	0.10	0.090	ug/L	5.00		101	70-136	3.26	40	
DEH-Adipate	6.48	5.0	0.18	ug/L	5.00		130	70-159	11.0	40	
DEH-Phthalate	5.42	3.0	0.81	ug/L	5.00		108	70-137	7.26	40	
Surrogate: 4-Terphenyl-d14	*4.6*			ug/L	*5.00*		*91.2*	*70-130*			
Surrogate: Triphenyl phosphate	*5.0*			ug/L	*5.00*		*101*	*50-150*			
Matrix Spike (6I28079-MS1)		**Source: B6I2654-01**			Prepared: 09/28/16 Analyzed: 09/29/16						**Q_nes**
Benzo(a)pyrene	4.52	0.10	0.090	ug/L	4.76	ND	95.0	61-138			
DEH-Adipate	8.30	5.0	0.18	ug/L	4.76	ND	174	70-159			QMint
DEH-Phthalate	5.95	3.0	0.81	ug/L	4.76	ND	125	70-142			
Surrogate: 4-Terphenyl-d14	*5.2*			ug/L	*4.76*		*110*	*70-130*			
Surrogate: Triphenyl phosphate	*6.9*			ug/L	*4.76*		*144*	*50-150*			

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Project Name: No Project

Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Notes and Definitions

N_HTa	Sample analyzed outside of the EPA recommended holding time.
N_RLm	Due to sample matrix, the reporting limit has been raised.
Q_nes	Insufficient sample for the sample duplicate and/or MS/MSD analysis.
QFnt	The referenced sample did not require this QC analyte, so a follow-up is not needed.
QMint	Due to matrix interference, the MS and/or MSD did not meet laboratory acceptance criteria.
QMout	MS and/or MSD recovery did not meet laboratory acceptance criteria.
ND:	Analyte NOT DETECTED at or above the Method Detection Limit **(if MDL is reported)**, otherwise at or above the Reportable Detection Limit (RDL)
NR:	Not Reported
RDL:	Reportable Detection Limit
MDL:	Method Detection Limit
* / ''' :	NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

Nancy H. Boulineau For Cindy A. Waddell

cc:

e-Standard_No Alias.rpt

BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Report Date: 25-Oct-2016

Analytical Report: Page 1 of 1
Project Name: No Project
Project Number: SP 1611120 - (2-25173)

Work Order Number: B6I2172

Received on Ice (Y/N): Yes Temp: 2 °C

Subcontract to
Babcock Laboratories, Inc.

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005
Phone: Fax:
Contact Person:
Project Name: **SP 1611120 - (2-25173)**
Purchase Order Number:
Sampler(s)
Compositor Setup Date: ___/___/___ Time: ___/___
Lab Number:

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) | Sub Organic-EPA 525 ***Run Travel Blank Only if Needed*** Please include MDL Reporting 1000ml(AGT)-HCl | Sub Inorganic-Bromate, Chlorite, Low-Level Please include MDL Reporting 40ml(VOA)-Ethylenediamine | Map Ref.

Samp Num	Location Description	Date Sampled	Time Sampled	Method	Type	Potable	Bacti Type	Bacti Reason	Sub Organic-EPA 525	Sub Inorganic-Bromate, Chlorite, Low-Level
0	Travel Blank	09/20/16	00:00	G	LBW				1	
1	SMBRP-9	09/20/16	08:30	G	MW				1	1
3	MCWP-MW07S	09/20/16	11:10	G	MW				1	1
9	LAMW-5S	09/20/16	10:00	G	MW				1	1

Remarks: 2°C

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	9/21/16	17:30	Ontrac					
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Ontrac	↓	↓	ESB (Cirgie Brown)	9/22/16	9:51			

B6I2172 AB

SEP 22 2016

mailing
P.O Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
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EPA No. CA00102
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LACSD No. 10119