



## *Malibu Civic Center Wastewater Treatment Facility*

# Fourth Quarter 2015 Groundwater + Surface Water Monitoring Report



Rincon Consultants Inc.  
January 2016

*Submitted to:*

City of Malibu  
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January 29, 2016  
Project 15-01587

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Malibu, CA 90401

**Subject: Fourth Quarter 2015 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 Fourth Quarter 2015 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 and 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 Fourth Quarter 2015 Baseline Groundwater and Surface Water Monitoring Report.

Sincerely,  
**RINCON CONSULTANTS, INC.**



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Vice President

"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 29 day of JAN 2016 at MALIBU, CA

 \_\_\_\_\_ Signature  
\_\_\_\_\_ Title  
ENVIRONMENTAL SUSTAINABILITY MANAGER

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## 1.0 INTRODUCTION

This report presents the results of the Fourth Quarter 2015 Baseline Groundwater and Surface Water Monitoring event for the Malibu Civic Center Water 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 any 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, groundwater and surface water sampling methodologies, water quality data results, and our conclusions.

## 2.0 BACKGROUND

On-site waste water 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 will be constructing a new waste water treatment facility.

To establish baseline groundwater and surface water quality conditions prior to operation and discharge of treated waste water, the LARWQCB requires basin-wide, baseline groundwater and surface water monitoring. Each water quality monitoring program is driven by one of 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 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 of all 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) that the City has with the LARWQCB concerning groundwater monitoring corresponds with the baseline and long term groundwater and surface water monitoring program described in Tasks I through III above. Task IV involves performing semi-annual monitoring at 14 groundwater wells located in the City's Civic Center area. The objective of the MOU is to monitor for potential impacts to the Shallow Alluvium as a result of CCTWF implementation (LARWQCB 2014).

– *Task V – Civic Center Groundwater Elevation Monitoring Program*

The groundwater elevation monitoring program has been designed to appraise the groundwater elevations in the Malibu Groundwater Basin and in Winter Canyon. The objective of this task is to provide a better understanding of the groundwater elevation conditions 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). The Malibu Lagoon is located at the terminus of the Malibu Creek watershed. The 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 Civic Center area by Malibu Creek and other small drainages are 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 FOURTH QUARTER OF 2015

The following activities were completed during the Fourth Quarter of 2015:

- Rincon measured depth to water in the groundwater monitoring wells on October 20, 2015, November 16, 2015, and December 14, 2015.
- Rincon collected and analyzed groundwater and surface water samples for MRP compliance (Task I), SNMP compliance (Task III), and MOU compliance (Task IV).
- Rincon collected and analyzed groundwater samples from groundwater monitoring wells SMBRP-7B, SMBRP-9, SMBRP-12, MCWP-MW09, SMBRP-13, TY-MW-1, and MCWP-MW04S.

## 5.0 GROUNDWATER ELEVATIONS AND GRADIENTS

Rincon measured the depth to water in 46 groundwater monitoring wells using an electronic water level indicator on October 20, 2015, November 16, 2015, and December 14, 2015 (Table 1). Due to access limitations, Rincon was unable to measure the depth to water in five of the groundwater monitoring wells during the October and November depth to water monitoring events. In addition, Rincon was unable to measure the depth to water in four of the groundwater monitoring wells during the December depth to water monitoring event. Of the 46 groundwater monitoring wells, 7 of the wells do not have elevation data for the top of well casing. Therefore, groundwater elevations could not be calculated in these 7 groundwater wells.

### 5.1 SHALLOW ZONE

The groundwater elevations ranged from 4.60 feet above mean sea level (amsl) in groundwater monitoring well MCWP-MW08 to 19.93 feet amsl in groundwater monitoring well SMBRP-8 (EC1-RC-MW01) (Table 1 and Figure 3). Groundwater elevations have decreased by a minimum of 0.09 feet in groundwater monitoring well MBCMW-9 and a maximum of 0.56 feet in groundwater monitoring well SMBRP-8 (EC1-RC-MW01) when comparing the groundwater elevations from October to December 2015. Groundwater elevations have increased by a minimum of 0.17 feet in groundwater monitoring well SMBRP-7B and a maximum of 1.88 feet in groundwater monitoring well SMBRP-6 when comparing the groundwater elevations from October to December 2015. 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 0.0029 feet/foot and 0.0027 feet/foot (calculated using groundwater monitoring wells SMBRP-9, SMBRP-12, and SMBRP-2) during the October and December monitoring events, respectively. During the November monitoring event, a car was parked over SMBRP-9, so the shallow groundwater gradient of 0.0016 feet/foot was calculated using SMBRP-6, SMBRP-12, and SMBRP-2.

### 5.2 DEEP ZONE

The groundwater elevations ranged from 5.54 feet amsl in groundwater monitoring well MCWP-MW07D to 11.55 feet amsl in groundwater monitoring well MCWP-MW09 (Table 1).



Groundwater elevations have increased by a minimum of 0.77 feet in groundwater monitoring wells MCWP-MW01 and MCWP-MW04D to a maximum of 1.11 feet in groundwater monitoring well MCWP-MW02 when comparing the groundwater elevations from October to December 2015.

### **5.3 WINTER CANYON**

The groundwater elevations ranged from 9.71 feet in groundwater monitoring well SMBRP-11 to 51.01 feet amsl in groundwater monitoring well LAMW-5S (Table 1). Groundwater elevations have increased by a minimum of 0.01 feet in groundwater monitoring well SMBRP-11 and a maximum of 0.20 feet in groundwater monitoring well LAMW-5S when comparing the groundwater elevations from October to December 2015.

## **6.0 WATER QUALITY SAMPLING AND ANALYSIS**

### **6.1 SURFACE WATER SAMPLING METHODOLOGY**

On December 1, 2015, 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 Groundwater and Surface Water Analysis Matrix (Table 2).

### **6.2 GROUNDWATER SAMPLING METHODOLOGY**

From December 15 to December 16, a total of seven 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, whichever 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 the 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 Fourth Quarter 2015 sampling event were analyzed by FGL. The laboratory analytical results for the Fourth 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 Fourth Quarter 2015 monitoring event, total coliform concentrations in the near shore surface water ranged from 2 Most Probable Number per 100 milliliters (MPN/100 mL) at N-004 to 14 MPN/100 mL at N-003 and the average concentration was 8 MPN/100 mL. Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 170 MPN/100 mL at L-004 to 540 MPN/100 mL at L-002 and the average concentration was 333 MPN/100 mL.

#### **6.3.2 Fecal Coliform**

During the Fourth Quarter 2015 monitoring event fecal coliform concentrations in the near shore surface water were only detected at sample location N-003 at a concentration of 14 MPN/100mL. Fecal coliform concentrations in the Malibu Lagoon and Creek surface water ranged from 17 MPN/100 mL at L-003 to 130 MPN/100 mL at L-004 and the average concentration was 52 MPN/100 mL.

#### **6.3.3 Nitrogen**

##### **6.3.3.1 Nitrate as Nitrogen**

All nitrate as nitrogen concentrations in surface water samples collected at the near shore and the Malibu Lagoon and Creek sampling locations during the Fourth Quarter 2015 monitoring event were not detected above the reporting limit of 0.1 milligrams per liter (mg/L).

##### **6.3.3.2 Other Forms of Nitrogen**

All nitrite as nitrogen concentrations in surface water samples collected at the near shore and the Malibu Lagoon and Creek sampling locations during the Fourth Quarter 2015 monitoring event were not detected above the reporting limit of 0.1 mg/L.

Ammonia ( $\text{NH}_3^+$ ) 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 Fourth Quarter 2015 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 Fourth Quarter 2015 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 Fourth Quarter 2015 sampling event ranged from 0.583 mg/L at sampling location L-004 to 0.837 mg/L at sampling location L-001 with an average concentration of 0.670 mg/L.

Organic nitrogen concentrations in surface water samples collected at the near shore sampling locations during the Fourth Quarter 2015 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 Fourth Quarter 2015 sampling event



ranged from 0.583 mg/L at sampling location L-004 to 0.837 mg/L at sampling location L-001 with an average concentration of 0.67 mg/L.

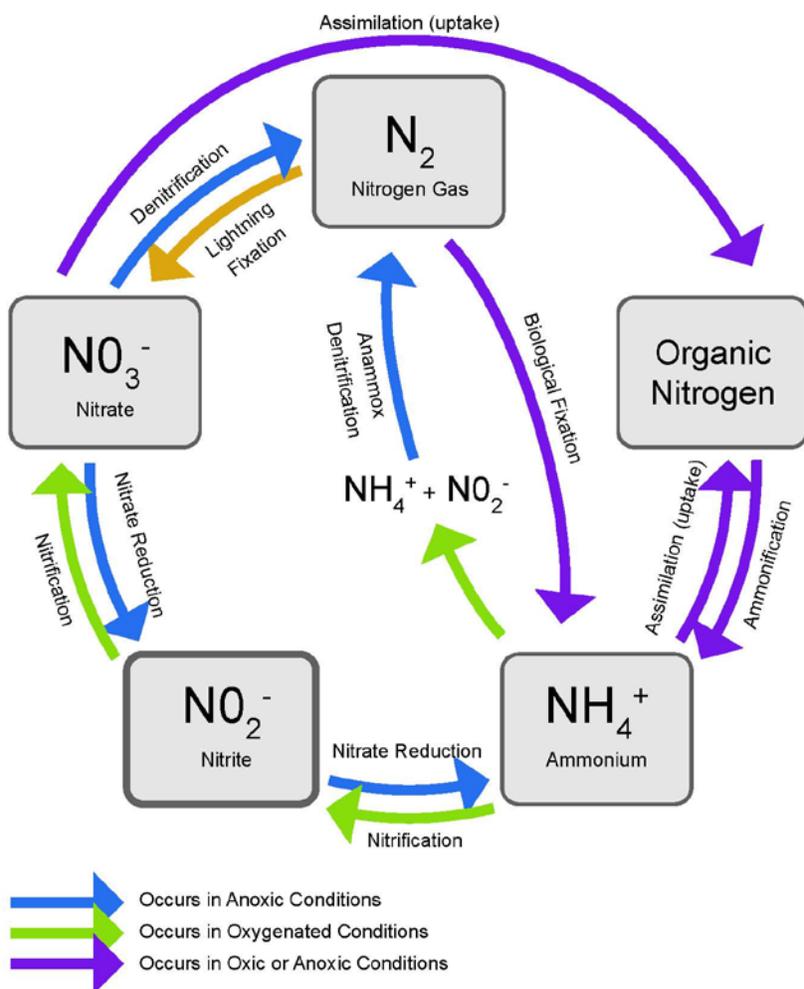


Figure 6. The Nitrogen Cycle

### 6.3.4 Total Phosphorus

Total phosphorus concentrations detected in surface water samples collected at the near shore sampling locations during the Fourth Quarter 2015 sampling event ranged from 0.775 mg/L at sampling location N-004 to 1.46 mg/L at sampling location N-001 with an average concentration of 1.156 mg/L. Total phosphorus concentrations detected in surface water samples collected at Malibu Lagoon and Creek during the Fourth Quarter 2015 sampling event ranged from 0.123 mg/L at L-005 to 0.226 mg/L at L-001 with an average concentration of 0.191 mg/L.

### 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 Fourth Quarter 2015 sampling event were analyzed by FGL. The laboratory analytical results for the Fourth Quarter monitoring event included the constituents listed in Table 4. Laboratory reports are included as Appendix B of this report.

### **6.4.1 Total Coliform**

During the Fourth Quarter 2015 monitoring event, total coliform concentrations in the groundwater wells monitored ranged from 4.5 MPN/100 mL at SMBRP-13 to 11 MPN/100 mL at SMBRP-7B and the average concentration was 7.75 MPN/100 mL.

### **6.4.2 Fecal Coliform**

All fecal coliform concentrations in groundwater samples collected during the Fourth Quarter 2015 monitoring event were not detected above the reporting limit of 1.8 MPN/100 mL.

### **6.4.3 Nitrogen**

#### **6.4.3.1 Nitrate as Nitrogen**

During the Fourth Quarter 2015 monitoring event, nitrate as nitrogen was detected in one groundwater sample at a concentration of 17.8 mg/L at SMBRP-9, which exceeded the Maximum Contaminant Level (MCL) of 10 mg/L for drinking water standard set by the Environmental Protection Agency (EPA-Updated July 22, 2015).

#### **6.4.3.2 Other forms of Nitrogen**

Nitrite as nitrogen concentrations in groundwater samples collected during the Fourth Quarter 2015 monitoring event were not detected above the reporting limit of 0.1 mg/L. Ammonia concentrations ranged from 0.200 mg/L at SMBRP-13 to 6.41 mg/L at SMBRP-12 with an average concentration of 2.01 mg/L.

Organic nitrogen concentrations in groundwater samples collected during the Fourth Quarter 2015 monitoring event were not detected above the reporting limit of 0.5 mg/L. TKN concentrations ranged from 0.552 mg/L at SMBRP-7B to 5.81 mg/L at SMBRP-12 with an average concentration of 2.10 mg/L.

### **6.4.4 Total Phosphorous**

During the Fourth Quarter 2015 monitoring event total phosphorus concentrations in groundwater samples analyzed ranged from 0.218 mg/L at MCWP-MW09 to 1.36 mg/L at SMBRP-12 with an average concentration of 0.533 mg/L.

### **6.4.5 Total Dissolved Solids**

TDS concentrations in groundwater samples analyzed during the Fourth Quarter 2015 monitoring event ranged from 1,810 mg/L at SMBRP-13 to 3,090 mg/L at SMBRP-7B with an average concentration of 2,313 mg/L.



#### **6.4.6 Boron**

During the Fourth Quarter 2015 monitoring event boron concentrations in groundwater samples analyzed ranged from 0.272 mg/L at TY-MW-1 to 0.923 mg/L at SMBRP-12 with an average concentration of 0.624 mg/L.

#### **6.4.7 Sulfate**

During the Fourth Quarter 2015 monitoring event sulfate concentrations in groundwater samples analyzed ranged from 426 mg/L at SMBRP-12 to 658 mg/L at TY-MW-1 with an average concentration of 553 mg/L.

#### **6.4.8 Chloride**

During the Fourth Quarter 2015 monitoring event chloride concentrations in groundwater samples analyzed ranged from 309 mg/L at SMBRP-9 to 723 mg/L at MCWP-MW09 with an average concentration of 480 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 FIRST QUARTER OF 2016**

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

- Prepare and submit the Fourth Quarter Groundwater and Surface Water Monitoring Report to the LARWQCB.
- Rincon will measure depth to water in the groundwater monitoring wells in January, February, and March.
- Rincon will collect and analyze surface water samples for MRP compliance (Task I).

## **8.0 SUMMARY OF MONITORING ACTIVITIES**

Groundwater elevations are relatively consistent from the October, November, and December monitoring events. Shallow groundwater generally flows southeast to south, towards the coastline.

During the Fourth Quarter 2015 monitoring event, total coliform concentrations in the near shore surface water ranged from 2 MPN/100 mL at N-004 to 14 MPN/100 mL at N-003 and the average concentration was 8 MPN/100 mL. Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 170 MPN/100 mL at L-004 to 540 MPN/100 mL at L-002 and the average concentration was 333 MPN/100 mL.

Fecal coliform concentrations in the near shore surface water were only detected at sample location N-003 at a concentration of 14 MPN/100mL. Fecal coliform concentrations in the



Malibu Lagoon and Creek surface water ranged from 17 MPN/100 mL at L-003 to 130 MPN/100 mL at L-004 and the average concentration was 52 MPN/100 mL.

Nitrate as nitrogen concentrations in near shore surface water and in Malibu Creek and Lagoon surface water samples were not detected above the reporting limit of 0.1 milligrams per liter.

During the Fourth Quarter Monitoring event, total coliform concentrations in groundwater ranged from 4.5 MPN/100 mL at SMBRP-13 to 11 MPN/100 mL at SMBRP-7B and the average concentration was 8 MPN/100 mL. All fecal coliform concentrations in groundwater samples collected during the Fourth Quarter 2015 monitoring event were not detected above the reporting limit of 1.8 MPN/100 mL.

Nitrate as nitrogen was detected in one groundwater sample at a concentration of 17.8 mg/L at SMBRP-9, located west of the Stuart Ranch Road. This groundwater monitoring well exceeded the MCL for drinking water standard set by the EPA of 10 mg/L nitrate.

The TDS concentrations ranged from 1,810 mg/L at SMBRP-13 to 3,090 mg/L at SMBRP-7B with an average concentration of 2,313 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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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
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
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
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
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
CCW-4	8/24/2015	15.765	6.5	9.27
	9/21/2015		6.71	9.06
	10/20/2015		6.9	8.87
	11/16/2015		7.02	8.75
	12/14/2015		7.05	8.72
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	-
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	-

Table 1  
Groundwater Elevations

Shallow Groundwater Monitoring Wells (continued)				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
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	-
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	-
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	-
M7-1	8/24/2015	-	8.09	-
	9/21/2015		8.12	-
	10/20/2015		8.4	-
	11/16/2015		8.48	-
	12/14/2015		8.3	-
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	-
MBCMW-5	8/24/2015	29.03	N/A	-
	9/21/2015		N/A	-
	10/20/2015		N/A	-
	11/16/2015		N/A	-
	12/14/2015		N/A	-
MBCMW-6	8/24/2015	29.02	N/A	-
	9/21/2015		N/A	-
	10/20/2015		N/A	-
	11/16/2015		N/A	-
	12/14/2015		N/A	-
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

Table 1  
Groundwater Elevations

Shallow Groundwater Monitoring Wells (continued)				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
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
MBCMW-9	8/24/2015	17.71	8.7	9.01
	9/21/2015		8.83	8.88
	10/20/2015		9	8.71
	11/16/2015		9.09	8.62
	12/14/2015		9.09	8.62
MBCMW-10	8/24/2015	17.74	8.63	9.11
	9/21/2015		8.2	9.54
	10/20/2015		8.4	9.34
	11/16/2015		8.35	9.39
	12/14/2015		7.34	10.40
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
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
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		7.4	4.81
	12/14/2015		6.62	5.59
MCWP-MW10	8/24/2015	11.11	5.7	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
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

Table 1  
Groundwater Elevations

Shallow Groundwater Monitoring Wells (continued)				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
P-9	8/24/2015	12.165	5.07	7.10
	9/21/2015		4.9	7.27
	10/20/2015		5.18	6.99
	11/16/2015		5.08	7.09
	12/14/2015		3.92	8.25
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
SMBRP-3C	8/24/2015	36.53	N/A	-
	9/21/2015		N/A	-
	10/20/2015		N/A	-
	11/16/2015		N/A	-
	12/14/2015		N/A	-
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
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		10.6	8.39
SMBRP-8 (EC1-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
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
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

Table 1  
Groundwater Elevations

<b>Shallow Groundwater Monitoring Wells (continued)</b>				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation
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
SMBRP-13	8/24/2015	13.58	8.32	5.26
	9/21/2015		7.98	5.60
	10/20/2015		8.2	5.38
	11/16/2015		7.87	5.71
	12/14/2015		6.85	6.73
SMBRP-15B	8/24/2015	16.765	dry	-
	9/21/2015		dry	-
	10/20/2015		dry	-
	11/16/2015		dry	-
	12/14/2015		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

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	17.90	10.22	7.68
	9/21/2015		9.71	8.19
	10/20/2015		10	7.90
	11/16/2015		9.91	7.99
	12/14/2015		9.23	8.67
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
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
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
MCWP-MW05	8/24/2015	13.92	7.62	6.3
	9/21/2015		7.3	6.62
	10/20/2015		7.47	6.45
	11/16/2015		7.42	6.50
	12/14/2015		6.39	7.53
MCWP-MW06	8/24/2015	16.05	9.87	6.18
	9/21/2015		9.4	6.65
	10/20/2015		9.71	6.34
	11/16/2015		9.61	6.44
	12/14/2015		8.64	7.41
MCWP-MW07D	8/24/2015	13.21	7.51	5.7
	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
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		5.5	10.80
	12/14/2015		4.75	11.55

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		53.3	51.25
	10/20/2015		53.74	50.81
	11/16/2015		53.9	50.65
	12/14/2015		53.54	51.01
SMBRP-11	8/24/2015	18.35	8.88	9.47
	9/21/2015		8.7	9.65
	10/20/2015		8.36	9.99
	11/16/2015		8.64	9.71
	12/14/2015		8.35	10.00

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

	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU									
<b>Groundwater</b>																									
<i>Laboratory Analysis</i>	LAMW-5S	CCPE	SMBRP-7B	SMBRP-9	SMBRP-12	SMBRP-13	MBCMW-9	MCWP-MW04S	MCWP-MW04D	MCWP-MW05	MCWP-MW06	MCWP-MW07S	MCWP-MW07D	MCWP-MW09	MCWP-MW10	TY-MW-1									
General Chemistry (pH, Total Dissolved Solids, Sulfate, Chloride, Boron, Methylene Blue Active Substances (MBAS)/Foaming Agents)	N/S	N/S	(TDS only) ✓	✓	✓	(TDS only) ✓	N/S	-	N/S	N/S	N/S	N/S	N/S	✓	N/S	✓									
Biological Oxygen Demand (BOD)			-	✓	✓	-		-						✓											
Turbidity (includes color and odor)			-	✓	✓	-		-						✓											
Total and Fecal Coliform			✓	✓	✓	✓		✓						✓											
Total Suspended Solids			-	✓	✓	-		-						✓											
Residual Chlorine			-	✓	✓	-		-						✓											
Total Organic Carbon			-	✓	✓	-		-						✓											
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			✓	✓	✓	✓		✓						✓											
<i>Constituents listed in Attachments A1 to A5 of MRP CI 10042</i>																									
Metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, mercury, nickel, selenium, thallium)			N/S	N/S	-	✓		-						-		N/S	-	N/S	N/S	N/S	N/S	N/S	✓	N/S	✓
Asbestos	-	✓			-	-	-	✓																	
Cyanide	-	✓			-	-	-	✓																	
Perchlorate	-	✓			-	-	-	✓																	
Fluoride	-	✓			-	-	-	✓																	
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)	N/S	N/S	-	✓	-	-	N/S	-	N/S	N/S	N/S	N/S	✓	N/S	✓										
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 metals above)			-	✓	-	-		-					✓												
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)	-	✓	-	-	-	✓																			

**Table 2**  
**Baseline Groundwater and Surface Water Analysis Matrix**

	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	SNMP	SNMP	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	Baseline GW/SW Monitoring SNMP MOU	SNMP MOU	Baseline GW/SW Monitoring SNMP MOU
<b>Groundwater</b>																
<i>Laboratory Analysis</i>	LAMW-5S	CCPE	SMBRP-7B	SMBRP-9	SMBRP-12	SMBRP-13	MBCM-9	MCWP-MW04S	MCWP-MW04D	MCWP-MW05	MCWP-MW06	MCWP-MW07S	MCWP-MW07D	MCWP-MW09	MCWP-MW10	TY-MW-1
<i>Constituents of Emerging Concern in Attachment C of MRP CI 10042</i>																
17β-Estradiol	N/S	N/S	-	✓	-	-	N/S	-	N/S	N/S	N/S	N/S	N/S	-	N/S	✓
Caffeine			-	✓	-	-		-						-		✓
n-Nitrosodimethylamine (NDMA)			-	✓	-	-		-						-		✓
Triclosan			-	✓	-	-		-						-		✓
n,n-Diethyl-meta-toluamide (DEET)			-	✓	-	-		-						-		✓
Sucralose			-	✓	-	-		-						-		✓
<i>Priority Pollutants listed in Attachment D of MRP CI 10042</i>																
Metals (antimony, arsenic, barium, beryllium, cadmium, chromium (III), Chromium VI)	N/S	N/S	-	✓	-	-	N/S	-	N/S	N/S	N/S	N/S	N/S	✓	N/S	✓
Cyanide (included above)			-	✓	-	-		-						✓		
Asbestos (included above)			-	✓	-	-		-						✓		
2,3,7,8-TCDD (included above)			-	✓	-	-		-						✓		
Volatile Organic Compounds (EPA Method 624)			-	✓	-	-		-						✓		
Semivolatile Organic Compounds (EPA Method 625)			-	✓	-	-		-						✓		
Pesticides (EPA Method 625)			-	✓	-	-		-						✓		
Polychlorinated Biphenyls (included above)			-	✓	-	-		-						✓		

**Surface Water**

<i>Laboratory Analysis</i>	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  
 -: Sampling & analysis not required  
 N/S: Not sampled following the Monitoring and Reporting Program CI. NO. 10042

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
		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
		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	1.46
		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	1.01
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
		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
		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
		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
		L-005	9/25/2015	350	49	<0.1	<0.1	3.80	<0.2	3.80	0.372
			12/1/2015	350	49	<0.1	<0.1	<0.5	<0.2	<0.5	0.123
		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

**Notes:**

mg/L: milligrams per liter

MPN/100mL: Most Probable Number per 100 milliliters

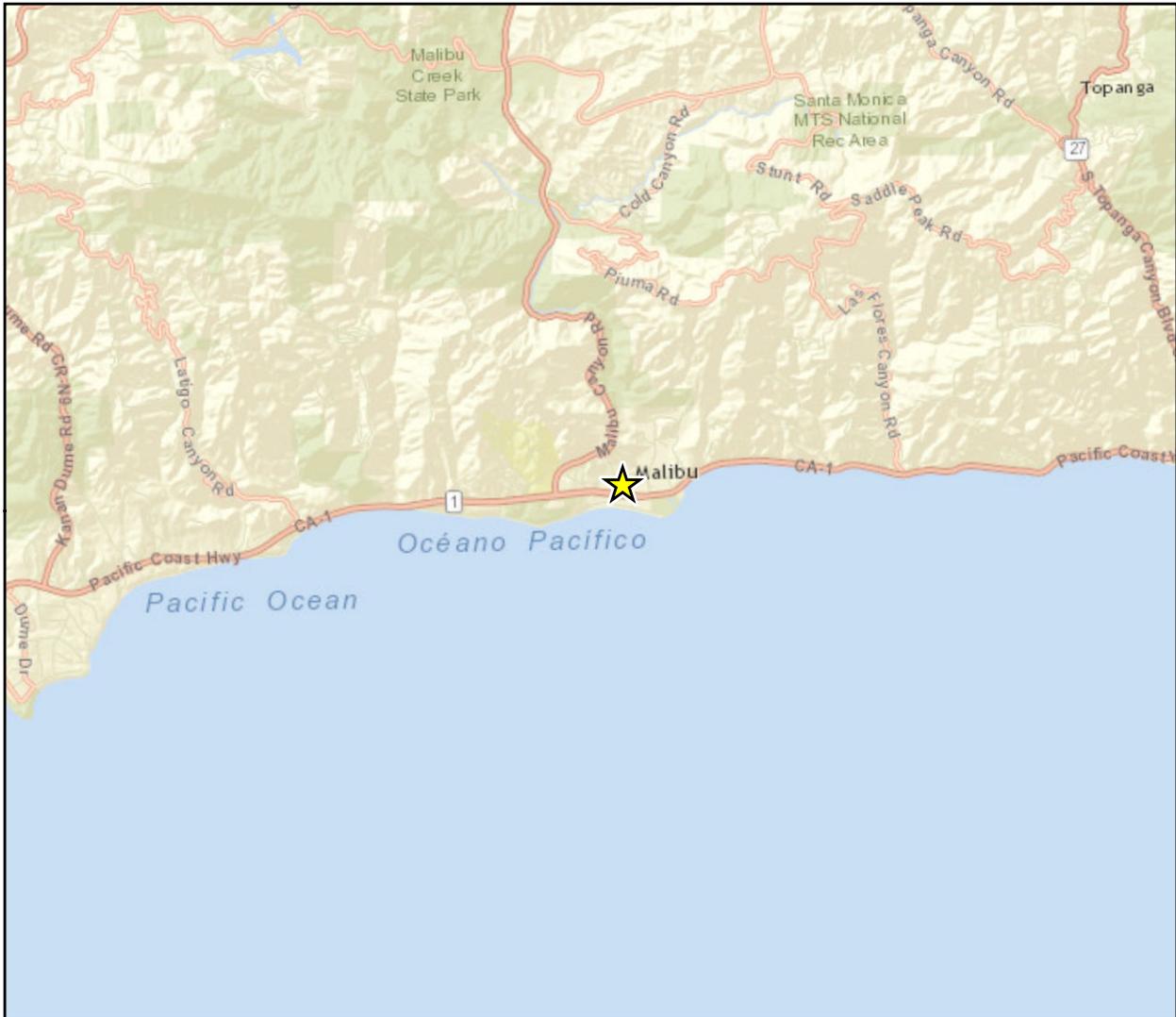
BSW: below surface water

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

Table 4  
Groundwater Analytical Results

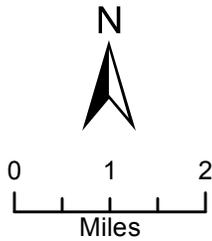
Well ID	Well Depth (BGS)	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)												
			Total	Fecal	Nitrate as NO <sub>3</sub>	Nitrite as N	Nitrate + Nitrite as N	Nitrate Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Nitrogen, Total as Nitrogen	Phosphorous, 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
SMBRP-7B	25 feet	-	<i>no access</i>														
		12/15/2015	11	<1.8	-	<0.1	-	<0.1	<0.5	<0.2	0.552	-	0.478	-	-	3,090	-
SMBRP-9	45 feet	9/28/2015	<i>no access</i>														
		12/15/2015	<1.8	<1.8	78.8	<0.1	17.8	17.8	<0.5	0.331	<0.5	17.8	0.41	0.56	538	2,100	309
SMBRP-12	25 feet	-	<i>no access</i>														
		12/16/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	6.41	5.81	5.81	1.36	0.923	426	2,140	478
SMBRP-13	19 feet	-	<i>no access</i>														
		12/15/2015	4.5	<1.8	-	<0.1	-	<0.1	<0.5	0.200	<0.5	-	0.316	-	-	1,810	-
MBCMW-9	9 feet	9/23/2015	<i>well was dry at time of sampling</i>														
MCWP-MW04S	20 feet	9/28/2015	17	<1.8	<0.4	<0.1	<0.1	<0.1	1.00	<0.2	1.00	1.26	0.516	2.09	3440	6,510	480
		12/15/2015	<1.8	<1.8	-	-	-	-	-	-	-	-	-	-	-	-	-
MCWP-MW04D	148 feet	9/28/2015	17	<1.8	6.44	<0.1	1.5	1.5	<0.5	0.117	<0.5	1.5	0.154	0.772	527	1,630	216
MCWP-MW05	154 feet	9/23/2015	-	-	-	-	-	2.3	-	-	-	-	-	-	-	1,400	-
MCWP-MW06	138 feet	9/23/2015	-	-	-	-	-	0.2	-	-	-	-	-	-	-	1,590	-
MCWP-MW07S	20 feet	9/22/2015	4.5	<1.8	28.8	<0.1	6.5	6.5	<0.5	<0.2	<0.5	6.71	0.451	0.41	294	1,230	227
MCWP-MW07D	130 feet	9/22/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	0.23	<0.5	0.524	0.318	0.476	1010	2,300	348
MCWP-MW09	95 feet	-	<i>no access</i>														
		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	0.740	590	2,570	723
MCWP-MW10	22 feet	9/29/2015	2	<1.8	-	-	-	0.4	<1	<0.2	<1	-	<0.1	-	-	1,550	-
TY-MW-1	41 feet	-	<i>no access</i>														
		12/15/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	1.09	0.613	0.703	0.416	0.272	658	2,170	410
CCPE	52 feet	9/23/2015	>1600	49	-	-	-	1.4	<1	<0.2	<1	-	<0.1	-	-	1,630	-

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



Vicinity Map

Figure 1

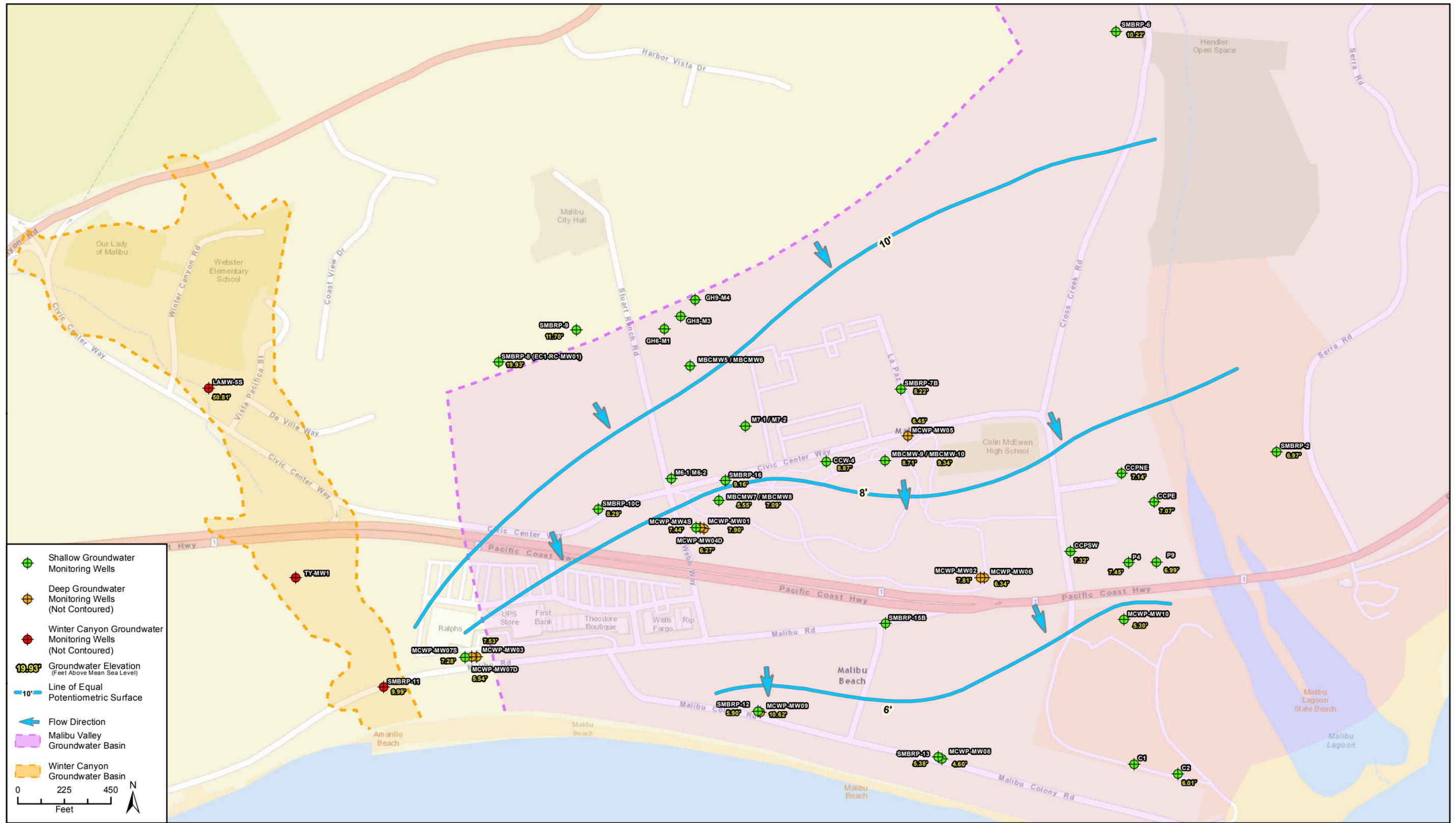




Imagery provided by ESRI and its licensors © 2015.

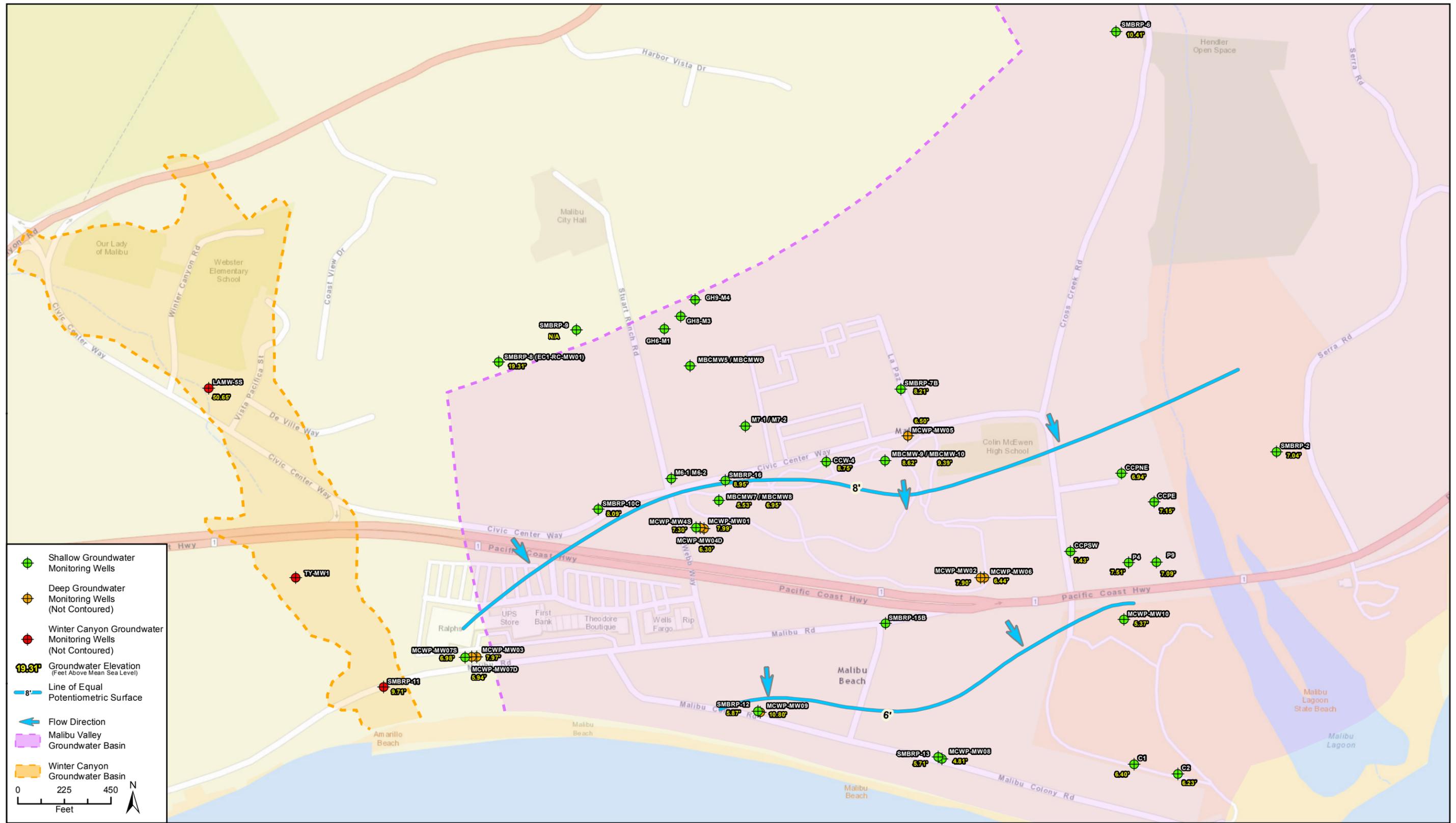
Site Map

Figure 2  
 Rincon Consultants Inc.



Imagery provided by ESRI and its licensors © 2015.

Shallow Groundwater Elevations  
 October 2015



Imagery provided by ESRI and its licensors © 2015.

Shallow Groundwater Elevations  
 November 2015



# **Appendix A**

---

*Groundwater Sampling/Purging Data Sheets*

Start → 0945 am  
End → 445 pm

3241 whole  
Fossils  
could not locate  
search 25 mins

use smaller Bag  
#1 meter

Table 1  
Groundwater Monitoring Well Construction

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 10/20/2015	Time	Depth to Water 8/24/2015 (ft bTOC)
C-1	14.5	n/a	11.47	could not locate	1230 <sup>3</sup> 1640	n/a
C-2	14.5	2	11.19	5.18	1205	5.11
CCPE	20	2	12.935	<del>6.54</del> 5.87	1356	5.76
CCPNE		2	13.675	6.54	1353	6.44
CCPSW		2	13.67	6.35	1418	6.29
CCW-4		1	15.765	6.90	1532	6.5
GH6-M1	35	2		29.24	1019 <del>2</del>	28.92
GH8-M3	40	2		28.69	1024	28.37
GH9-M4	45	2		30.66	1029	30.31
Lagoon		n/a		N/A	)	n/a
LAMW-5S	20	4	104.55	53.74	1058	53.71
M6-1	45	2		6.72	1005	6.61
M6-2	20	2		6.08	1007	5.76
M7-1	40	2		8.40	1001	8.09
M7-2	25	2		8.15	<del>1000</del> 1000	7.78
MBCMw-5	19.4	n/a	29.03	N/A		n/a
MBCMw-6	64.26	n/a	29.02	N/A		n/a
MBCMw-7	52.5	2	16.635	11.09	1544	11.26
MBCMw-8	10	2	16.53	9.44	1540	9.11
MBCMw-9	10	2	17.71	9.00, possible dry	1515	8.7
MBCMw-10	53	2	17.74	8.40	1518	8.63
MCWP-MW01	148	6		10.00	1459	10.22
MCWP-MW02	145	6	18.06	10.25	1444	10.39
MCWP-MW03	134	6		7.78	1115	7.65
MCWP-MW04D	148	4		9.16	1457	9.35
MCWP-MW04S	20	4		7.85	1455	7.55
MCWP-MW05	158	4		7.47	1525	7.62

635

EGRC-MW  
Bare Diver  
return to  
Craig George

MCWP-MW06	153	2		9.71	1441	9.87
MCWP-MW07D	134	2		7.67	1112	7.51
MCWP-MW07S	20	2		6.44	<del>1109</del>	6.76
MCWP-MW08	77	2		7.61	1126	7.64
MCWP-MW09	95	2	16.3	5.68	1139	7.52
MCWP-MW10	60	2		5.81	1152	5.7
P-4	12.5	4	12.155	4.71	1402	4.58
P-9	14.3	4	12.165	5.18	1405	5.07
SMBRP-2	25	2	13.131	6.16	1435	6.04
SMBRP-6	25	2	26.875	116.60	1245	16.49
SMBRP-7b	45	2	18.985	10.77	1528	10.69
SMBRP-8 (EG-RC)	60	4		28.76	1039	28.74
SMBRP-9	45	2	50.32	38.62	1035	38.24
SMBRP-10C	25	2	16.25	7.96	1053	7.37
SMBRP-11	20	2	18.35	8.36	1118	8.88
SMBRP-12	25	2	12.615	6.72	1135	5.69
SMBRP-13	20	2	13.58	<del>7.11</del> 8.20	1129	8.32
SMBRP-15b	25	1	16.765	Dry	1145	dry, recorded depth 8.77
SMBRP-16	25	2	14.5	5.34	1537	4.95
WF-MW-2	49					

WF-MW-2 has been lost according to Craig & Earth Forensics

Field Notes  
11-16-15

Left office @ 0830

Mallbu Task 5 - DTW

**Table 1**  
Groundwater Monitoring Well Construction

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 11/16/2015	Time	Depth to Water 8/24/2015 (ft bTOC)
1 C-1	14.5	n/a	11.47	5.07	1357	n/a
2 C-2	14.5	2	11.19	4.96	1333	5.11
3 CCPE	20	2	12.935	5.79	1118	5.76
4 CCPNE		2	13.675	6.47	1116	6.44
5 CCPSW		2	13.67	6.24	1124	6.29
6 CCW-4		1	15.765	7.02	1017	6.5
7 GH6-M1	35	2		29.32	1212	28.92
8 GH8-M3	40	2		28.75	1217	28.37
9 GH9-M4	45	2		30.75	1221	30.31
10 Lagoon		n/a		N/A	N/A	n/a
11 LAMW-5S	20	4	104.55	53.90	0940	53.71
12 M6 <del>4</del> 2	45	2		<del>6.58</del> 6.68	1228	6.61
13 M6 <del>2</del> 1	20	2		6.17 <del>6.17</del>	1230	5.76
14 M7-1	40	2		8.48	1206	8.09
15 M7-2	25	2		8.27	1209	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	11.11	1013	11.26
19 MBCMW-8	10	2	16.53	9.58	1008	9.11
20 MBCMW-9	10	2	17.71	9.09	1027	8.7
21 MBCMW-10	53	2	17.74	8.35	1031	8.63
22 MCWP-MW01	148	6		9.91	1144	10.22
23 MCWP-MW02	145	6	18.06	10.16	1132	10.39
24 MCWP-MW03	134	6		<del>9.13</del> 7.34	1150	7.65
25 MCWP-MW04D	148	4		9.13	1142	9.35
26 MCWP-MW04S	20	4		7.99	1138	7.55
27 MCWP-MW05	158	4		7.42	1025	7.62

→ Buried, need to bring shovel & Trowel. white sprinkler notes location.

reports of legacy Park H<sub>2</sub>O high flow leak irrigation & Mallbu maintenance

- Difficult Time getting reading

28	MCWP-MW06	153	2		9.61	1129	9.87
29	MCWP-MW07D	134	2		7.27	1153	7.51
30	MCWP-MW07S	20	2		6.74	1155	6.76
31	MCWP-MW08	77	2		7.40	1243	7.64
32	MCWP-MW09	95	2	16.3	5.50	1256	7.52
33	MCWP-MW10	60	2		5.74	1312	5.7
34	P-4	12.5	4	12.155	4.65	1110	4.58
35	P-9	14.3	4	12.165	5.08	1112	5.07
36	SMBRP-2	25	2	13.131	6.09	1103	6.04
37	SMBRP-6	25	2	26.875	16.47	1050	16.49
38	SMBRP-7b	45	2	18.985	10.78	1037	10.69
39	SMBRP-8 (EG-RC)	60	4		29.38	1000	28.74
40	SMBRP-9	45	2	50.32	N/A	N/A	38.24
41	SMBRP-10C	25	2	16.25	8.16	<del>8.16</del> 0945	7.37
42	SMBRP-11	20	2	18.35	8.64	1158	8.88
43	SMBRP-12	25	2	12.615	6.75	1254	5.69
44	SMBRP-13	20	2	13.58	7.87	1248	8.32
45	SMBRP-15b	25	1	16.765	Dry	Dry	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	5.55	1005	4.95

Baro  
 → Diver in well  
 → Car parked  
 on well.  
 Checked Back  
 3x's





Date 12-14-15

Start 0855  
End - 1306

PS

Rincon #1 - Solinst Model 102  
Sampler - P. Shellenbarger

Table 1  
Groundwater Monitoring Well Construction

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 12/14/2015	Time	Depth to Water 8/24/2015 (ft bTOC)
1 C-1	14.5	n/a	11.47	4.12	1040	n/a
2 C-2	14.5	2	11.19	3.93	1045	5.11
3 CCPE	20	2	12.935	4.62	1102	5.76
4 CCPNE		2	13.675	5.28	1100	6.44
5 CCPSW		2	13.67	5.27	1118	6.29
6 CCW-4		1	15.765	7.05	0945	6.5
7 GH6-M1	35	2		29.43	1157	28.92
8 GH8-M3	40	2		28.78	1154	28.37
9 GH9-M4	45	2		30.86	1150	30.31
10 Lagoon		n/a		N/A	N/A	n/a
11 LAMW-5S	20	4	104.55	53.54	0855	53.71
12 M6-1	45	2		6.35	1205	6.61
13 M6-2	20	2		6.12	1203	5.76
14 M7- <del>41</del> <del>(S)</del>	40	2		8.22	1140	8.09
15 M7- <del>41</del> <del>(D)</del>	25	2		8.30	1142	7.78
16 MBCMW-5	19.4	n/a	29.03	N/A	---	n/a
17 MBCMW-6	64.26	n/a	29.02	N/A	---	n/a
18 MBCMW-7	52.5	2	16.635	10.27	0940	11.26
19 MBCMW-8	10	2	16.53	9.59	0937	9.11
20 MBCMW-9	10	2	17.71	9.09	0956	8.7
21 MBCMW-10	53	2	17.74	7.34	0959	8.63
22 MCWP-MW01	148	6		9.23	1306	10.22
23 MCWP-MW02	145	6	18.06	9.14	1126	10.39
24 MCWP-MW03	134	6		6.75	1225	7.65
25 MCWP-MW04D	148	4		8.39	1304	9.35
26 MCWP-MW04S	20	4		<del>8.06</del> 8.06	<del>1301</del> 1301	7.55
27 MCWP-MW05	158	4		6.39	0950	7.62

> check for switches

28	MCWP-MW06	153	2		8.64	1123	9.87
29	MCWP-MW07D	134	2		6.59	1221	7.51
30	MCWP-MW07S	20	2		6.56	1218	6.76
31	MCWP-MW08	77	2		6.62	1235	7.64
32	MCWP-MW09	95	2	16.3	<del>10.00</del> 4.75	1246	7.52
33	MCWP-MW10	60	2		4.59	1034	5.7
34	P-4	12.5	4	12.155	3.52	1108	4.58
35	P-9	14.3	4	12.165	3.92	1113	5.07
36	SMBRP-2	25	2	13.131	4.84	1022	6.04
37	SMBRP-6	25	2	26.875	<del>14.16</del> 14.78	1010	16.49
38	SMBRP-7b	45	2	18.985	10.60	0952	10.69
39	SMBRP-8 (EG-RC)	60	4		29.32	0928	28.74
40	SMBRP-9	45	2	50.32	38.86	0920	38.24
41	SMBRP-10C	25	2	16.25	8.06	0910	7.37
42	SMBRP-11	20	2	18.35	8.35	1228	8.88
43	SMBRP-12	25	2	12.615	6.42 <del>6.42</del>	1249	5.69
44	SMBRP-13	20	2	13.58	6.85	1240	8.32
45	SMBRP-15b	25	1	16.765	Dry	1255	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	5.59	0935	4.95

- water in well casing 3"

**Legend**

- Monthly Transducer Well
- Monthly
- Other Well



0 500 Feet

**ef** earthforensics, inc.

**MONTHLY GROUNDWATER WELLS**  
Civic Center Area  
Malibu, CA

Date	5/1/2018	Total Wells	2012-190	Sheet	1
Project Name	MCWP				

Source: Earth Forensics, Inc., Harbor, British Geographics, CNES Airbus DS/USAP/RS-1E (S2) (2018/05/01)

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 12-14-15
Project/Location: Malibu, CA	Well Number: SMBRP-9
Observation Period Start: 1440 Stop: 1330	Survey Reference Point: TOC
Sampled By: P. Shellenbayer	Witnessed By: _____

PURGING DATA

Type of Pump: <u>Cyprus Submersible</u>	Pump Inlet Depth (ft): 40 ft
Well Diameter (in): 2 inches	Depth of Well (ft): 45
Initial/Static Depth to Water (ft): 38.86	Length of Water Column (ft): 6.14
Product Thickness (ft): _____	Volume Multiplier (gal/ft): 0.16
One Casing Volume (gal): 0.98	Three Casing Volumes (gal): 2.95
Purge Time, Start: 15:03	Purge Time, Stop: 1308
Total Purge Time (minutes): 15 mins	Purge Rate (gpm): 5/15 = 0.33 gpm
Purge Volume (gal): 5 gallons	Depth to Water (ft) at Sampling: 38.87

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

time/volume 5/1 INDICATOR DATA

Volume Pumped (gpm)	Before Purge	5 min	10 min	15 min	At Sampling
TDS (ppm) 9/L	2.23	2.21	2.20	2.21	2.21
Turbidity (measured or visual) cloudy, clear, muddy	Max	443	Max	Max	395
Temperature (C)	21.02	22.44	23.02	23.04	19.33
Conductivity (micromhos)	3.49	3.46	3.44	3.45	3.50
pH	7.96	7.64	7.64	7.68	7.83
Dissolved Oxygen (mg/L & %)	4.13	2.79	9.50	9.09	3.22
ORP Comments: -896	-77	60	35		165
Depth to Water at End of Purge (ft)				45 ft	
Drawdown (ft)				6.14	

*Handwritten notes in table:*  
 Dry after 3 volumes  
 After slow recharge excessive  
 5 volumes

MISCELLANEOUS DATA

Condition of Traffic Box: Good Notes: slow Purge - 3 volumes Purged

Drum Identification labeling: Non-Hazardous Waste

Water Level Indicator: Solinst Model 101

Weather Conditions: (60, Windy [NW], clear)

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

38.86 + 0.2 \* 6.14 = 40.08

Sampled at: 12-15-15  
 0745  
 Bacti - 0850

**Rincon Consultants, Inc.**  
**GROUND WATER SAMPLING/PURGING DATA SHEET**

Job No: <u>15-01587</u>	Date: <u>12-14-15</u>
Project/Location: <u>Malibu, CA</u>	Well Number: <u>MCWP-MW045</u>
Observation Period Start: <u>1320</u> Stop: <u>1435</u>	Survey Reference Point: <u>TOC</u>
Sampled By: <u>P. Shellenbarger</u>	Witnessed By: _____

**PURGING DATA**

Screen interval 10-20

Type of Pump: <u>Grundfos - Submersible</u>	Pump Inlet Depth (ft): <del>10.00</del> <u>10ft</u>
Well Diameter (in): <u>4 inch</u>	Depth of Well (ft): <u>20.25</u>
Initial/Static Depth to Water (ft): <u>8.06</u>	Length of Water Column (ft): <u>12.19</u>
Product Thickness (ft): _____	Volume Multiplier (gal/ft): <u>0.65</u>
One Casing Volume (gal): <u>7.92</u>	Three Casing Volumes (gal): <u>23.77</u>
Purge Time, Start: <u>1357</u>	Purge Time, Stop: <u>1422</u>
Total Purge Time (minutes): <del>1357</del> <u>25</u>	Purge Rate (gpm): <u>0.4</u>
Purge Volume (gal): <u>10 gal</u>	Depth to Water (ft) at Sampling: <u>13.26</u>

**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	<u>0</u>	<del>8.8</del>	<del>21.65</del>	<u>14.24</u>	At Sampling
TDS (ppm)	<u>X</u>	<u>4.42</u>	<u>4.83</u>			<u>4.71</u>
Turbidity (measured or visual) cloudy, clear, muddy NTU	<u>X</u>	<u>8.8</u>	<u>125</u>			<u>17.3</u>
Temperature (C)	<u>X</u>	<u>20.88</u>	<u>21.65</u>	<u>Dry</u>		<u>20.50</u>
Conductivity (micromhos)	<u>X</u>	<u>7.00</u>	<u>7.66</u>			<u>7.46</u>
pH	<u>X</u>	<u>8.24</u>	<u>7.96</u>			<u>7.90</u>
Dissolved Oxygen (mg/L & %)	<u>X</u>	<u>3.07</u>	<u>1.81</u>			<u>7.90</u>
<u>ORP</u> <del>Comments:</del>	<u>X</u>	<u>-201</u>	<u>-60</u>			<u>132</u>
Depth to Water at End of Purge (ft)		<u>20.25</u>				
Drawdown (ft)		<u>12.19</u>				

**MISCELLANEOUS DATA**

Condition of Traffic Box: Good, two well caps in well Box.

Drum Identification labeling: Non-Hazardous Waste

Water Level Indicator: Solinst Model 101

Weather Conditions: 55° F, wind [NW], clear

Comments: Well Recovery Calculation  
 Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery  
8.06 + 0.2 \* 12.19 = 10.50

Sampled at: 12/15/15  
0945

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 12-15-15
Project/Location: Malibu, CA	Well Number: TY-MW-1
Observation Period Start: 1025 Stop: 1205	Survey Reference Point: TOC
Sampled By: PS DD	Witnessed By: _____

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): 68.81	Length of Water Column (ft): 11.64
Product Thickness (ft): _____	Volume Multiplier (gal/ft): 0.16
One Casing Volume (gal): 1.86	Three Casing Volumes (gal): 5.58
Purge Time, Start: 1050	Purge Time, Stop: 1100
Total Purge Time (minutes): 10 min <del>6 gallons</del>	Purge Rate (gpm): _____
Purge Volume (gal): 6 gallons	Depth to Water (ft) at Sampling: 69.14

CASING OR BOREHOLE VOLUME

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 Purged (gal)	Before Purge	1	2	3				At Sampling
TDS (ppm)	2.14	2.11	2.11	2.08	←————→			" "
Turbidity (measured or visual) cloudy, clear, muddy	Max	Max	Max	Max				" "
Temperature (C)	20.86	21.92	22.04	22.05				" "
Conductivity (micromhos)	3.35	3.30	3.30	3.26	————→			" "
pH	7.66	7.21	6.98	7.06				" "
Dissolved Oxygen (mg/L & %)	4.83	2.31	1.52	9.52				" "
ORP Comments:	24	26	15	15	←————→			" "
Depth to Water at End of Purge (ft)				69.14				
Drawdown (ft)				0.33				

MISCELLANEOUS DATA

Condition of Traffic Box: Poor-Dirty (covered) w/ Dirt

Drum Identification labeling: Non-Hazardous Waste

Water Level Indicator: Solinst Model 101

Weather Conditions: 50°F, windy, clear

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

68.81 + 0.2 \* 0.33 = 68.88

Sampled at: 1100



Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12-15-15
Project/Location	Malibu, CA	Well Number:	SMBRP-7B
Observation Period	Start: 1305 Stop: 1430	Survey Reference Point:	TOC
Sampled By:	PS DD	Witnessed By:	_____

PURGING DATA

Type of Pump	Grundfos - submersible	Pump Inlet Depth (ft)	17.00
Well Diameter (in)	2 inch	Depth of Well (ft)	25.15
Initial/Static Depth to Water (ft)	10.60	Length of Water Column (ft)	14.55
Product Thickness (ft)	<del>_____</del>	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.33	Three Casing Volumes (gal)	6.99
Purge Time, Start	1318	Purge Time, Stop	1330
Total Purge Time (minutes)	8 gallons	Purge Rate (gpm)	0.666 gpm
Purge Volume (gal)	12	Depth to Water (ft) at Sampling	12.20 (PS)

CASING OR BOREHOLE VOLUME

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	1	2	3			At Sampling
TDS (ppm)	2.84	2.63	2.06	1.55			2.81
Turbidity (measured or visual) cloudy, clear, muddy	Max	510	327	231			146
Temperature (C)	20.73	20.95	21.41	21.63			22.02
Conductivity (micromhos)	4.43	4.10	3.21	2.44			4.40
pH	7.50	7.53	7.44	7.49			7.21
Dissolved Oxygen (mg/L & %)	2.40	2.20	6.92	2.60			4.27
ORP Comments:	-116	-65	-47	-41			-53
Depth to Water at End of Purge (ft)				14.20			
Drawdown (ft)				3.60			

MISCELLANEOUS DATA

Condition of Traffic Box: OK; well TOC broken

Drum Identification labeling: Non-Hazardous Waste

Water Level Indicator: Solinst Model 101

Weather Conditions: 50°F, windy, clear

Comments: excessive recharge; waited 45 mins  
 Well Recovery Calculation: Slow to recharge  
 Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

Sampled at: 1415

10.60 + 0.2 \* 3.60 = 11.32

**Rincon Consultants, Inc.**

**GROUND WATER SAMPLING/PURGING DATA SHEET**

Job No: <u>15-01587</u>	Date: <u>12-16-15</u>
Project/Location: <u>Maribu, CA</u>	Well Number: <u>MCWP-MW09</u>
Observation Period Start: <u>0755</u> Stop: <u>0925</u>	Survey Reference Point: <u>TOC</u>
Sampled By: <u>PS DD</u>	Witnessed By:

**PURGING DATA**

Type of Pump	<u>Grundfos - Submersible</u>	Pump Inlet Depth (ft)	<u>55.00</u>
Well Diameter (in)	<u>2 inch</u>	Depth of Well (ft)	<u>89.60</u>
Initial/Static Depth to Water (ft)	<u>5.30</u>	Length of Water Column (ft)	<del>0.25</del> <u>84.3</u>
Product Thickness (ft)	<u>                    </u>	Volume Multiplier (gal/ft)	<u>0.16</u>
One Casing Volume (gal)	<u>13.49</u>	Three Casing Volumes (gal)	<u>40.464</u>
Purge Time, Start	<u>0810</u>	Purge Time, Stop	<u>0850</u>
Total Purge Time (minutes)	<u>40</u>	Purge Rate (gpm)	<u>1.05</u>
Purge Volume (gal)	<u>42</u>	Depth to Water (ft) at Sampling	<u>5.73</u>

**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**

<u>Purge Volume</u> Volume Pumped (gal)	Before Purge	1	2	3				At Sampling
TDS (ppm)	<u>261</u>	<u>2.64</u>	<u>2.79</u>	<u>2.73</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
Turbidity (measured or visual) cloudy, clear, muddy	<u>My</u>	<u>580</u>	<u>138</u>	<u>81.0</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
Temperature (C)	<u>15.35</u>	<u>17.05</u>	<u>17.63</u>	<u>19.05</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
Conductivity (micromhos)	<u>4.07</u>	<u>4.09</u>	<u>4.34</u>	<u>4.27</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
pH	<u>8.10</u>	<u>7.95</u>	<u>7.84</u>	<u>7.76</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
Dissolved Oxygen (mg/L & %)	<u>7.99</u>	<u>2.17</u>	<u>1.89</u>	<u>1.74</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>ORP / mV</u> Comments:	<u>-103</u>	<u>-90</u>	<u>-96</u>	<u>-103</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
				<u>5.73</u>				
				<u>0.43</u>				

**MISCELLANEOUS DATA**

Condition of Traffic Box:	<u>Good</u>
Drum Identification labeling:	<u>Non-Hazardous Waste</u>
Water Level Indicator:	<u>Solinst Model 101</u>
Weather Conditions:	<u>50°F, light wind, clear</u>

Comments: Stabilized @ 5.73 after first 5 minutes of purge      Sampled at: 0850  
 Well Recovery Calculation  
 Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery  
5.30 + 0.2 \* 0.43 = 5.386

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date:
Project/Location: Malibu, CA	Well Number: SMBRP-12
Observation Period Start: 0925 Stop: 1030	Survey Reference Point: TOC
Sampled By: PS DD	Witnessed By: _____

PURGING DATA

Type of Pump: GroundFor - submersible	Pump Inlet Depth (ft): 10ft
Well Diameter (in): 2 inch	Depth of Well (ft): 24.88
Initial/Static Depth to Water (ft): 6.71	Length of Water Column (ft): 18.17
Product Thickness (ft): _____	Volume Multiplier (gal/ft): 0.16
One Casing Volume (gal): 2.90	Three Casing Volumes (gal): 8.72
Purge Time, Start: 0935	Purge Time, Stop: 0948
Total Purge Time (minutes): 13 minutes	Purge Rate (gpm): .69 gpm
Purge Volume (gal): 9 gallons	Depth to Water (ft) at Sampling: 7.16

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

Purge Volume	INDICATOR DATA						
	Volume Pumped (gal)	Before Purge	1	2	3		At Sampling
TDS (ppm)	2.01	2.34	2.35	2.34			
Turbidity (measured or visual) cloudy, clear, muddy	82.5	60.3	58.4	62.3			→
Temperature (C)	19.93	21.88	22.45	22.62			
Conductivity (micromhos)	3.15	3.63	3.68	3.66			→
pH	7.74	7.46	7.48	7.51			→
Dissolved Oxygen (mg/L & %)	2.08	1.56	1.89	1.59			→
ORP	Comments: -127	-121	-118	-117			→
		Depth to Water at End of Purge (ft)			7.14		→
		Drawdown (ft)			0.45		

MISCELLANEOUS DATA

Condition of Traffic Box: Good
Drum Identification labeling: Non-Hazardous Waste
Water Level Indicator: Solinst Model 101
Weather Conditions: 60°F, light wind, clear

Comments: Purge stabilize @ 7.16 after 2 minutes. Sampled at: ~~0955~~ 0955

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

6.71 + 0.2 \* ~~0.45~~ = 6.80 Stabilized

# **Appendix B**

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*Analytical Laboratory Reports*

December 23, 2015  
**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

SP 1514000:1, 4-7 **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 1514000-001	SMBRP-09	Waste-Other	Peter	Not Available	12/15/2015 08:50	12/15/2015 16:20 RV	12/18/2015 RV
2	SP 1514000-004	TY-MW-1	Waste-Other	Peter	Not Available	12/15/2015 11:00	12/15/2015 16:22 RV	12/17/2015 RV
3	SP 1514000-005	SMBRP-13	Waste-Other	Peter	Not Available	12/15/2015 12:53	12/15/2015 16:24 RV	12/18/2015 RV
4	SP 1514000-006	SMBRP-7B	Waste-Other	Peter	Not Available	12/15/2015 14:15	12/15/2015 16:26 LM	12/19/2015 LM
5	SP 1514000-007	MCWP-MW04S	Waste-Other	Peter	Not Available	12/15/2015 09:45	12/15/2015 16:28 LM	12/17/2015 LM

### Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	SMBRP-09	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
2	TY-MW-1	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
3	SMBRP-13	---	---	SM 9221B	MPN/100ml	4.5	<1.8	---	N/R			
4	SMBRP-7B	---	---	SM 9221B	MPN/100ml	11	<1.8	---	N/R			
5	MCWP-MW04S	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

‡ Client Notification details.

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

RRH:SMH

Reviewed and  
Approved By

**Raquel R. Harvey**



Digitally signed by Raquel R. Harvey  
 Title: Tech Director Microbiology  
 Date: 2015-12-23

January 8, 2016

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

**Subject: Subcontract Analysis for FGL Lab No. SP 1514000**

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: 2016-01-08

Enclosure

December 31, 2015

**Vista Work Order No. 1501220**

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 December 17, 2015. This sample set was analyzed on a standard turn-around time, under your Project Name 'SP 1514000-(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](mailto: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. 1501220**

**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 1613**

These samples were extracted and analyzed for 2,3,7,8-TCDD by EPA Method 1613 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

<b>Vista Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled</b>	<b>Received</b>	<b>Components/Containers</b>
1501220-01	SMBRP-09	15-Dec-15 07:45	17-Dec-15 10:09	Amber Glass NM Bottle, 1L
1501220-02	TY-MW-1	15-Dec-15 11:00	17-Dec-15 10:09	Amber Glass NM Bottle, 1L

## **ANALYTICAL RESULTS**

Sample ID: Method Blank						EPA Method 1613B			
Matrix: Aqueous Sample Size: 1.00 L			QC Batch: B5L0094 Date Extracted: 21-Dec-2015 9:11			Lab Sample: B5L0094-BLK1 Date Analyzed : 24-Dec-15 09:11 Column: ZB-5MS Analyst: WJL			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.00	0.423			IS 13C-2,3,7,8-TCDD	83.9	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	86.4	42 - 164	

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Results reported to MDL.

<b>Sample ID: OPR</b>					<b>EPA Method 1613B</b>		
Matrix: Aqueous	QC Batch: B5L0094	Lab Sample: B5L0094-BS1		Date Analyzed: 24-Dec-15 07:35 Column: ZB-5MS Analyst: WJL			
Sample Size: 1.00 L	Date Extracted: 21-Dec-2015 9:11						
Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	172	200	85.9	73 - 146	IS 13C-2,3,7,8-TCDD	87.4	25 - 141
					CRS 37Cl-2,3,7,8-TCDD	88.9	37 - 158

LCL-UCL - Lower control limit - upper control limit

**Sample ID: SMBRP-09** **EPA Method 1613B**

<b>Client Data</b> Name: FGL Environmental, Inc. Project: SP 1514000-(2-25173) Date Collected: 15-Dec-2015 7:45	<b>Sample Data</b> Matrix: Monitoring Well Sample Size: 1.03 L	<b>Laboratory Data</b> Lab Sample: 1501220-01      Date Received: 17-Dec-2015 10:09 QC Batch: B5L0094      Date Extracted: 21-Dec-2015 9:11 Date Analyzed: 24-Dec-15 11:40      Column: ZB-5MS      Analyst: WJL
--	--	---

Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.86	0.303			IS 13C-2,3,7,8-TCDD	92.7	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	89.7	42 - 164	

DL - Sample specific estimated detection limit  
 EMPC - Estimated maximum possible concentration

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit  
 Results reported to MDL.

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

<b>Client Data</b> Name: FGL Environmental, Inc. Project: SP 1514000-(2-25173) Date Collected: 15-Dec-2015 11:00	<b>Sample Data</b> Matrix: Monitoring Well Sample Size: 1.01 L	<b>Laboratory Data</b> Lab Sample: 1501220-02      Date Received: 17-Dec-2015 10:09 QC Batch: B5L0094      Date Extracted: 21-Dec-2015 9:11 Date Analyzed: 24-Dec-15 12:28      Column: ZB-5MS      Analyst: WJL
---	--	---

Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.96	0.286			IS 13C-2,3,7,8-TCDD	89.3	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	90.0	42 - 164	

DL - Sample specific estimated detection limit  
 EMPC - Estimated maximum possible concentration

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit  
 Results reported to MDL.

## DATA QUALIFIERS & ABBREVIATIONS

<b>B</b>	<b>This compound was also detected in the method blank.</b>
<b>D</b>	<b>Dilution</b>
<b>E</b>	<b>The associated compound concentration exceeded the calibration range of the instrument.</b>
<b>H</b>	<b>Recovery and/or RPD was outside laboratory acceptance limits.</b>
<b>I</b>	<b>Chemical Interference</b>
<b>J</b>	<b>The amount detected is below the Lower Calibration Limit of the instrument.</b>
<b>*</b>	<b>See Cover Letter</b>
<b>Conc.</b>	<b>Concentration</b>
<b>DL</b>	<b>Sample-specific estimated detection limit</b>
<b>MDL</b>	<b>The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero in the matrix tested.</b>
<b>EMPC</b>	<b>Estimated Maximum Possible Concentration</b>
<b>NA</b>	<b>Not applicable</b>
<b>RL</b>	<b>Reporting Limit – concentrations that correspond to low calibration point</b>
<b>ND</b>	<b>Not Detected</b>
<b>TEQ</b>	<b>Toxic Equivalency</b>

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

## CERTIFICATIONS

<b>Accrediting Authority</b>	<b>Certificate Number</b>
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
Michigan Department of Natural Resources	9932
Nevada Division of Environmental Protection	CA004132015-1
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-003
Pennsylvania Department of Environmental Protection	012
South Carolina Department of Health	87002001
Tennessee Department of Environment & Conservation	TN02996
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

## 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
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
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

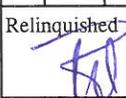
MATRIX: Drinking Water	
Description of Test	Method
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

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 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
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

1501220 0.6°C

Client: <b>Fruit Growers Laboratory, Inc.</b> Address: FGL Environmental, Inc. 853 Corporation St. Santa Paula, CA 93060-3005  Phone: (805)392-2000ext0 Fax: (805)525-4172  Contact Person: Project Name: <b>SP 1514000 - (2-25173)</b> Purchase Order 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)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)	Map Ref.
Sampler(s) Peter  Compositor Setup Date: ___/___/___ Time: ___/___										
Lab Number:										
Samp Num	Location Description	Date Sampled	Time Sampled	Method	Type	Potable	Bacti Type	Bacti Reason		
1	SMBRP-09	12/15/15	07:45	G	MW			↓		
4	TY-MW-1	12/15/15	11:00	G	MW			↓		
Remarks:				Relinquished By:  Date: 12/16/15 Time: 17:30		Relinquished By: _____ Date: _____ Time: _____		Relinquished By: _____ Date: _____ Time: _____		
				Received By:  Date: 12/15/15 Time: 10:20		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		

**SAMPLE LOG-IN CHECKLIST**



Vista Project #: 1501220

TAT Jld

<b>Samples Arrival:</b>	<b>Date/Time</b> 12/17/15 1009	<b>Initials:</b> UBB	<b>Location:</b> WR-2
			<b>Shelf/Rack:</b> NA
<b>Logged In:</b>	<b>Date/Time</b> 12/18/15 1434	<b>Initials:</b> UBB	<b>Location:</b> WR-2
			<b>Shelf/Rack:</b> B2
<b>Delivered By:</b>	FedEx	UPS	<u>On Trac</u>
			DHL
			Hand Delivered
			Other
<b>Preservation:</b>	<u>Ice</u>	<u>Blue Ice</u>	Dry Ice
			None
<b>Temp °C:</b> 1.2 (uncorrected)	<b>Time:</b> 1020		<b>Thermometer ID:</b> IR-2
<b>Temp °C:</b> 0.6 (corrected)			

	YES	NO	NA
Adequate Sample Volume Received? <u>1 Liter ea</u>	<input checked="" type="checkbox"/>		
Holding Time Acceptable?	<input checked="" type="checkbox"/>		
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>		
Shipping Custody Seals Intact?			<input checked="" type="checkbox"/>
Shipping Documentation Present?	<input checked="" type="checkbox"/>		
Airbill Trk # <u>D10010871278458</u>	<input checked="" type="checkbox"/>		
Sample Container Intact?	<input checked="" type="checkbox"/>		
Sample Custody Seals Intact?			<input checked="" type="checkbox"/>
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>		
COC Anomaly/Sample Acceptance Form completed?		<input checked="" type="checkbox"/>	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			<input checked="" type="checkbox"/>
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Preservation Documented?	COC	Sample Container	<u>None</u>
Shipping Container	Vista	<u>Client</u>	Retain
			<u>Return</u>
			Dispose

Comments:

January 8, 2016

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

**Subject: Subcontract Analysis for FGL Lab No. SP 1514000**

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

- Sub Organic-EPA 525

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: 2016-01-08

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

Analytical Report: Page 1 of 5  
Project Name: FGL - 525 Regulated No  
Pesticides  
Project Number: SP 1514000-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1834**

Received on Ice (Y/N): Yes Temp: 7 °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**

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
B5L1834-01	SP 1514000-(2-25173) SMBRP-09 Grab	Water	12/15/15 07:45	Peter	12/16/15 16:16	Ontrac
B5L1834-02	SP 1514000-(2-25173) TY-MW-1 Grab	Water	12/15/15 11:00	Peter	12/16/15 16:16	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

Analytical Report: Page 2 of 5  
 Project Name: FGL - 525 Regulated No  
 Pesticides  
 Project Number: SP 1514000-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1834**

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

**B5L1834-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1514000-(2-25173) SMBRP-09	Water	12/15/15 07:45	12/16/15 16:16

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Semivolatile Organic Compounds by EPA 525.2								
Benzo(a)pyrene	ND	0.10	0.090	ug/L	EPA 525.2	12/28/15 16:59	DIS	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	12/28/15 16:59	DIS	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	12/28/15 16:59	DIS	
Surrogate: 4-Terphenyl-d14	115	% 70-130			EPA 525.2	12/28/15 16:59	DIS	
Surrogate: Triphenyl phosphate	120	% 50-150			EPA 525.2	12/28/15 16:59	DIS	



**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

Analytical Report: Page 3 of 5  
 Project Name: FGL - 525 Regulated No  
 Pesticides  
 Project Number: SP 1514000-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1834**

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

**B5L1834-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1514000-(2-25173) TY-MW-1	Water	12/15/15 11:00	12/16/15 16:16

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Semivolatile Organic Compounds by EPA 525.2								
Benzo(a)pyrene	ND	0.10	0.090	ug/L	EPA 525.2	12/28/15 17:25	DIS	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	12/28/15 17:25	DIS	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	12/28/15 17:25	DIS	
Surrogate: 4-Terphenyl-d14	105	% 70-130			EPA 525.2	12/28/15 17:25	DIS	
Surrogate: Triphenyl phosphate	104	% 50-150			EPA 525.2	12/28/15 17:25	DIS	



**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

Analytical Report: Page 4 of 5  
 Project Name: FGL - 525 Regulated No  
 Pesticides  
 Project Number: SP 1514000-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1834**

Received on Ice (Y/N): Yes Temp: 7 °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
<b>Batch 5L22059 - EPA 525 Disk Extract</b>										
<b>Blank (5L22059-BLK1)</b> Prepared: 12/22/15 Analyzed: 12/28/15										
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	5.5			ug/L	5.13	107	70-130			
Surrogate: Triphenyl phosphate	5.6			ug/L	5.13	108	50-150			
<b>LCS (5L22059-BS1)</b> Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	4.27	0.10	0.090	ug/L	5.13	83.3	70-136			
DEH-Adipate	5.21	5.0	0.18	ug/L	5.13	102	70-159			
DEH-Phthalate	5.16	3.0	0.81	ug/L	5.13	101	70-137			
Surrogate: 4-Terphenyl-d14	5.6			ug/L	5.13	109	70-130			
Surrogate: Triphenyl phosphate	5.8			ug/L	5.13	112	50-150			
<b>LCS Dup (5L22059-BSD1)</b> Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	4.41	0.10	0.090	ug/L	5.13	85.9	70-136	3.07	40	
DEH-Adipate	5.25	5.0	0.18	ug/L	5.13	102	70-159	0.784	40	
DEH-Phthalate	5.26	3.0	0.81	ug/L	5.13	102	70-137	1.77	40	
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.13	108	70-130			
Surrogate: Triphenyl phosphate	5.7			ug/L	5.13	111	50-150			
<b>Matrix Spike (5L22059-MS1)</b> Source: B5L2006-01 Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	1.03	0.10	0.090	ug/L	4.76	ND	21.7	61-138		QMout
DEH-Adipate	4.94	5.0	0.18	ug/L	4.76	ND	104	70-159		J
DEH-Phthalate	5.27	3.0	0.81	ug/L	4.76	ND	111	70-142		
Surrogate: 4-Terphenyl-d14	5.0			ug/L	4.76		104	70-130		
Surrogate: Triphenyl phosphate	5.1			ug/L	4.76		108	50-150		
<b>Matrix Spike Dup (5L22059-MSD1)</b> Source: B5L2006-01 Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	1.70	0.10	0.090	ug/L	4.76	ND	35.6	61-138	48.5	40 QMoRo
DEH-Adipate	5.10	5.0	0.18	ug/L	4.76	ND	107	70-159	3.13	40
DEH-Phthalate	5.30	3.0	0.81	ug/L	4.76	ND	111	70-142	0.630	40
Surrogate: 4-Terphenyl-d14	5.1			ug/L	4.76		108	70-130		
Surrogate: Triphenyl phosphate	4.9			ug/L	4.76		102	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

Analytical Report: Page 5 of 5  
Project Name: FGL - 525 Regulated No  
Pesticides  
Project Number: SP 1514000-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1834**

Received on Ice (Y/N): Yes Temp: 7 °C

## Notes and Definitions

J Estimated value

QMoRo MSD recovery and the MS/MSD RPD value 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

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## 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.

---

cc:  
*mailing*  
P.O. Box 432  
Riverside, CA 92502-0432

*location*  
6100 Quail Valley Court  
Riverside, CA 92507-0704

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e-Standard\_No Alias.rpt  
CA ELAP No. 2698  
EPA no. CA00102  
LACSD No., 10119



**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

Analytical Report: Page 1 of 1  
Project Name: FGL - 525 Regulated No Pesticides  
Project Number: SP 1514000-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1834**

Received on Ice (Y/N): Yes Temp: 7 °C

Subcontract to  
Babcock Laboratories, Inc.

Client: Fruit Growers Laboratory, Inc. Address: FGL Environmental, Inc. 853 Corporation St. Santa Paula, CA 93060-3005 Phone: (805)392-2000ext0 Fax: (805)525-4172 Contact Person: Project Name: <b>SP 1514000 - (2-25173)</b> Purchase Order 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		Map Ref.	
Sampler(s) Peter				Compositor Setup Date: ___/___/___ Time: ___/___/___		Lab Number:												B5L1834 ✓ DEC 16 2015			
Samp Num	Location Description	Date Sampled	Time Sampled	Method	Type	Other	Reason	Other	Special	Sub Organic	Run	Blank	Only	if	Needed	MDL	Reporting	1000ml	(AGT)-HCl	Map Ref.	
0	Travel Blank	12/15/15	00:00	G	LBW						1										
1	SMBRP-09	12/15/15	07:45	G	MW						1										
4	TY-MW-1	12/15/15	11:00	G	MW						1										
Remarks: 7° ON ICE INTRAC				Relinquished: [Signature]		Date: 12/15/15		Time: 17:30		Relinquished: ON TRAC		Date: 12/15/15		Time: 1616		Received By: [Signature]		Date: 12/15/15		Time: 1616	

January 13, 2016

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

**Subject: Subcontract Analysis for FGL Lab No. SP 1514000**

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

- Subcontracted - Asbestos

Please note that this analysis was performed by EMS Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

**Cindy Aguirre**



Digitally signed by Cindy Aguirre  
Title: Customer Service Rep  
Date: 2016-01-13

Enclosure









January 15, 2016

**Rincon Consultants, Inc.**  
Malibu Civic Center WWTP  
Attn: Torin Snyder  
180 N. Ashwood Ave.  
Ventura, CA 93003

Lab ID : SP 1514000  
Customer : 2-25173

### Laboratory Report

**Introduction:** This report package contains total of 83 pages divided into 3 sections:

Case Narrative (8 pages) : An overview of the work performed at FGL.  
Sample Results (34 pages) : Results for each sample submitted.  
Quality Control (41 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	12/15/2015	12/15/2015	SP 1514000-000	LBW
SMBRP-09	12/15/2015	12/15/2015	SP 1514000-001	MW
TY-MW-1	12/15/2015	12/15/2015	SP 1514000-004	MW
SMBRP-13	12/15/2015	12/15/2015	SP 1514000-005	MW
SMBRP-7B	12/15/2015	12/15/2015	SP 1514000-006	MW
MCWP-MW04S	12/15/2015	12/15/2015	SP 1514000-007	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. The holding time for pH, Chlorine, Total are listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH, Chlorine, Total on the same day of receipt at the laboratory. If this presents any problem please call.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
SP 1514000-001	Chlorine, Total	15	1813.8 Minutes
SP 1514000-001	Nitrite as N	48	50.67 Hours
SP 1514000-004	Chlorine, Total	15	1684.2 Minutes
SP 1514000-004	Nitrate + Nitrite as N	48	216.75 Hours
SP 1514000-004	Nitrate as NO3	48	216.75 Hours
SP 1514000-004	Nitrate Nitrogen	48	216.75 Hours
SP 1514000-004	Nitrite as N	48	48.5 Hours

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.

January 15, 2016  
**Rincon Consultants, Inc.**

Lab ID : SP 1514000  
 Customer : 2-25173

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

**Inorganic - Metals QC**

200.1	12/22/2015:214835 All preparation quality controls are within established criteria, except: The following note applies to Boron, Iron, Manganese, Zinc: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
200.7	12/21/2015:218581 All analysis quality controls are within established criteria.
	12/27/2015:218724 All analysis quality controls are within established criteria.
200.8	01/07/2016:200223 All analysis quality controls are within established criteria.
245.1	12/21/2015:218521 All analysis quality controls are within established criteria.
3010	12/16/2015:214578 All preparation quality controls are within established criteria.
	01/05/2016:200072 All preparation quality controls are within established criteria, except: The following note applies to Silver, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Nickel, Lead, Antimony, Selenium, Thallium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Antimony: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Silver, Aluminum, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Nickel, Lead, Antimony, Selenium, Thallium: 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.
7470	12/21/2015:214779 All preparation quality controls are within established criteria.

**Organic QC**

504	12/21/2015:214788 All preparation quality controls are within established criteria.
504.1	12/22/2015:218511 All analysis quality controls are within established criteria.
505	12/18/2015:218312 All analysis quality controls are within established criteria.
	12/17/2015:214638 All preparation quality controls are within established criteria, except: The following note applies to Heptachlor Epoxide: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Dieldrin, Endrin, Heptachlor Epoxide, Lindane, Methoxychlor: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

**Organic QC**

507	01/01/2016:218953 All analysis quality controls are within established criteria.
	12/28/2015:214978 All preparation quality controls are within established criteria, except: The following note applies to EPN/Triphenylphosphate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Cyanazine, Metribuzin, EPN/Triphenylphosphate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
515.3	12/22/2015:218619 All analysis quality controls are within established criteria.
	12/23/2015:218619 All analysis quality controls are within established criteria.
	12/18/2015:214738 All preparation quality controls are within established criteria, except: The following note applies to Dalapon, Pentachlorophenol: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Dalapon: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
524.2	12/16/2015:218288 All analysis quality controls are within established criteria, except: The following note applies to 1,1,2-Trichloroethane, 1,3-Dichloropropane, Dibromochloromethane, Bromomethane (Methyl Bromide), cis-1,3-Dichloropropene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	12/17/2015:218288 All analysis quality controls are within established criteria, except: The following note applies to 1,1,2-Trichloroethane, 1,3-Dichloropropane, Dibromochloromethane, Bromomethane (Methyl Bromide), cis-1,3-Dichloropropene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	12/16/2015:214428 All preparation quality controls are within established criteria, except: The following note applies to Trichlorotrifluoroethane F-113, 1,1-Dichloroethylene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	12/22/2015:218524 All analysis quality controls are within established criteria.
	12/21/2015:214815 All preparation quality controls are within established criteria, except: The following note applies to 3-Hydroxycarbofuran, Aldicarb Sulfone/Sulfoxide: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5310C	12/27/2015:218763 All analysis quality controls are within established criteria.

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**Organic QC**

5310C	12/24/2015:214953 All preparation quality controls are within established criteria.
547	12/16/2015:218177 All analysis quality controls are within established criteria.
	12/15/2015:214550 All preparation quality controls are within established criteria.
548.1	01/04/2016:200072 All analysis quality controls are within established criteria.
	12/21/2015:214805 All preparation quality controls are within established criteria.
549	12/18/2015:214727 All preparation quality controls are within established criteria.
549.2	12/22/2015:218612 All analysis quality controls are within established criteria.
552	12/18/2015:214728 All preparation quality controls are within established criteria, except: The following note applies to 2,3-Dibromopropionic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	12/20/2015:218443 All analysis quality controls are within established criteria.
	12/20/2015:218488 All analysis quality controls are within established criteria.
608	12/29/2015:218887 All analysis quality controls are within established criteria.
	12/21/2015:214766 All preparation quality controls are within established criteria.
624	12/18/2015:218636 All analysis quality controls are within established criteria, except: The following note applies to Bromomethane (Methyl Bromide), Freon-11, Chloroethane (Ethyl Chloride), Vinyl Chloride: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	12/18/2015:214909 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, Acrolein, Acrylonitrile, Bromoform, Bromomethane (Methyl Bromide), Freon-11, Chloroethane (Eth): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to 2-Chloroethylvinyl ether: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	12/23/2015:218835 All analysis quality controls are within established criteria, except: The following note applies to Benzidine: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
625	12/15/2015:214555 All preparation quality controls are within established criteria, except:

**Organic QC**

625	<p>The following note applies to 3,3-Dichlorobenzidine:          436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.</p> <p>The following note applies to Di-n-butylphthalate:          410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.</p> <p>The following note applies to 3,3-Dichlorobenzidine:          310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.</p>
625P	<p>12/23/2015:218831 All analysis quality controls are within established criteria.</p> <p>12/17/2015:214645 All preparation quality controls are within established criteria, except:          The following note applies to p,p`-DDD, Beta BHC, Endrin:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.</p> <p>The following note applies to alpha-Chlordane, Aldrin, Beta BHC, cis_Nonachlor, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, End:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.</p>

**Radio QC**

900.0	<p>12/28/2015:218810 All analysis quality controls are within established criteria.</p> <p>12/23/2015:214870 All preparation quality controls are within established criteria.</p>
903.0	<p>12/29/2015:200252 All analysis quality controls are within established criteria.</p> <p>12/24/2015:214952 All preparation quality controls are within established criteria.</p>
905.0	<p>01/06/2016:218744 All analysis quality controls are within established criteria.</p> <p>12/22/2015:218744 All analysis quality controls are within established criteria.</p> <p>12/17/2015:214666 All preparation quality controls are within established criteria.</p>
906.0	<p>12/21/2015:218552 All analysis quality controls are within established criteria.</p> <p>12/22/2015:218552 All analysis quality controls are within established criteria.</p> <p>12/21/2015:214760 All preparation quality controls are within established criteria.</p>
908.0	<p>12/24/2015:218750 All analysis quality controls are within established criteria.</p>

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**Radio QC**

908.0	12/23/2015:214872 All preparation quality controls are within established criteria.
Ra - 05	01/02/2016:200182 All analysis quality controls are within established criteria.
	01/02/2016:200185 All analysis quality controls are within established criteria.
	12/28/2015:214817 All preparation quality controls are within established criteria.

**Inorganic - Wet Chemistry QC**

1664	01/06/2016:200141 All preparation quality controls are within established criteria.
2120B	12/15/2015:218362 All analysis quality controls are within established criteria.
	12/15/2015:214695 All preparation quality controls are within established criteria.
2130B	12/15/2015:218391 All analysis quality controls are within established criteria.
	12/15/2015:214720 All preparation quality controls are within established criteria.
2150B	12/15/2015:214708 All preparation quality controls are within established criteria.
	12/16/2015:214709 All preparation quality controls are within established criteria.
218.6	12/17/2015:218542 All analysis quality controls are within established criteria.
	12/17/2015:214845 All preparation quality controls are within established criteria.
2320B	12/16/2015:218190 All analysis quality controls are within established criteria.
	12/16/2015:214558 All preparation quality controls are within established criteria, except: The following note applies to Alkalinity (as CaCO <sub>3</sub> ), Bicarbonate: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
2510B	12/17/2015:218218 All analysis quality controls are within established criteria.
	12/16/2015:214580 All preparation quality controls are within established criteria.
2540CE	12/17/2015:214637 All preparation quality controls are within established criteria.
2540D	12/16/2015:214576 All preparation quality controls are within established criteria.

**Inorganic - Wet Chemistry QC**

300.0	12/24/2015:218772 All analysis quality controls are within established criteria.
	01/08/2016:200378 All analysis quality controls are within established criteria.
	12/24/2015:214995 All preparation quality controls are within established criteria.
	01/07/2016:200312 All preparation quality controls are within established criteria.
314.0	12/17/2015:218369 All analysis quality controls are within established criteria.
	12/17/2015:214629 All preparation quality controls are within established criteria.
351.2	12/17/2015:214611 All preparation quality controls are within established criteria.
	12/21/2015:214761 All preparation quality controls are within established criteria.
4500CIG	12/16/2015:218219 All analysis quality controls are within established criteria.
	12/16/2015:214581 All preparation quality controls are within established criteria.
4500CNCE	12/20/2015:218555 All analysis quality controls are within established criteria.
	12/20/2015:214755 All preparation quality controls are within established criteria.
4500-H B	12/23/2015:214908 All preparation quality controls are within established criteria.
4500HB	12/23/2015:218628 All analysis quality controls are within established criteria.
4500NH3G	12/21/2015:218453 All analysis quality controls are within established criteria.
	12/18/2015:214669 All preparation quality controls are within established criteria.
4500NO2B	12/17/2015:218261 All analysis quality controls are within established criteria.
	12/17/2015:214635 All preparation quality controls are within established criteria, except: The following note applies to Nitrite as Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500NO2F	12/16/2015:214597 All preparation quality controls are within established criteria.
4500NO3F	12/16/2015:218242 All analysis quality controls are within established criteria.
	12/16/2015:218244 All analysis quality controls are within established criteria.

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**Inorganic - Wet Chemistry QC**

4500NO3F	12/16/2015:214570 All preparation quality controls are within established criteria.
4500-P B	12/18/2015:214734 All preparation quality controls are within established criteria.
4500PE	12/21/2015:218408 All analysis quality controls are within established criteria.
5210B	12/20/2015:218504 All analysis quality controls are within established criteria.
	12/15/2015:214513 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. The following note applies to BOD: 735 Dilution water exceeded DO uptake method criteria
5540C	12/15/2015:218682 All analysis quality controls are within established criteria.
	12/15/2015:214946 All preparation quality controls are within established criteria.
EPA351.2	12/18/2015:218350 All analysis quality controls are within established criteria.
	12/22/2015:218532 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: 2016-01-15

January 15, 2016

Lab ID : SP 1514000-000  
 Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 15, 2015-00:00  
 Sampled By : Peter  
 Received On : December 15, 2015-15:30  
 Matrix : Lab. Blank Water

Description : Travel Blank  
 Project : Malibu WWTP - Baseline GWM

**Sample Result - Organic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 504.1</b> <sup>VOA:1</sup>													
1,3-Dibromopropane <sup>‡</sup>	102	70-130		%	1		504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-08:29SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-08:29SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-08:29SBL
<b>DQF Flags Definition:</b>													
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: Monochloroacetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

January 15, 2016

Lab ID : SP 1514000-001

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 15, 2015-08:50

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Description : SMBRP-09

Project : Malibu WWTP - Baseline GWM

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>General Mineral</b> <sup>P:15</sup>												
Total Hardness as CaCO3	852	2.5	0.064	mg/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Calcium	63.0	1	0.064	mg/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Magnesium	169	1	0.087	mg/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Potassium	6.12	1	0.18	mg/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Sodium	433	1	0.21	mg/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Total Cations	36.0	0.1	0.064	meq/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Boron	0.560	0.05	0.011	mg/L	1	l	200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Copper	ND	10	880	ug/L	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Iron	19400	50	7.9	ug/L	1	h	200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Manganese	346	10	0.50	ug/L	1	l	200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Zinc	ND	20	4900	ug/L	1	h	200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
SAR	6.45	0.1	0.064	--	1		200.1	214835	12/22/15 04:00	200.7	218724-IT204	12/27/15-23:05AC
Total Alkalinity (as CaCO3)	764	10	1.1	mg/L	1	J	2320B	214558	12/16/15 03:00	2320B	218190-MT201	12/16/15-10:32AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	214558	12/16/15 03:00	2320B	218190-MT201	12/16/15-10:32AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	214558	12/16/15 03:00	2320B	218190-MT201	12/16/15-10:32AMB
Bicarbonate as HCO3	932	10	1.1	mg/L	1.000	J	2320B	214558	12/16/15 03:00	2320B	218190-MT201	12/16/15-10:32AMB
Sulfate	538	10	0.037	mg/L	10		300.0	200312	01/07/16 17:00	300.0	200378-IC208	01/08/16-07:43KD
Chloride	309	10	0.042	mg/L	10		300.0	200312	01/07/16 17:00	300.0	200378-IC208	01/08/16-07:43KD
Nitrate as NO3	78.8	0.4	0.032	mg/L	1		4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:50CJJ
Nitrite as N	0.00470	0.1	0.0016	mg/L	1	JIT	4500NO2B	214635	12/17/15 11:30	4500NO2B	218261-UV207	12/17/15-11:48MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>General Mineral</b> <sup>P:15</sup>												
Nitrate + Nitrite as N	17.8	0.1	0.032	mg/L	1		4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:50CJJ
Fluoride	1.11	0.1	0.027	mg/L	1	b	300.0	200312	01/07/16 17:00	300.0	200378-IC208	01/08/16-07:24KD
Total Anions	36.5	0.1	1.1	meq/L	1.000	Jbl	2320B	214558	12/16/15 03:00	2320B	218190-MT201	12/16/15-10:32AMB
pH	7.83	--	0.010	units	1		4500-H B	215020	12/15/15 08:50	4500HB	218792-CL000	12/15/15-08:50Peter
Specific Conductance	3250	1	0.16	umhos/cm	1		2510B	214580	12/16/15 10:48	2510B	218218-EC205	12/17/15-10:35JMG
Total Dissolved Solids	2100	40	5.8	mg/L	1	b	2540CE	214637	12/17/15 16:40	2540C	218367-WT219	12/18/15-10:41JMG
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	214946	12/15/15 16:00	5540C	218682-JMG	12/15/15-16:15jmg
Aggressiveness Index	12.9	1	0.0	--	1		4500-H B	214908	12/23/15 13:00	4500HB	218628-PH203	12/23/15-13:26JMG
Langelier Index (20°C)	1.0	1	0.0	--	1	bJ	4500-H B	214908	12/23/15 13:00	4500HB	218628-PH203	12/23/15-13:26JMG
Nitrate Nitrogen	17.8	0.1	0.032	mg/L	1		4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:50CJJ
<b>Metals, Total</b> <sup>P:15</sup>												
Aluminum	11.8	0.01	0.0072	mg/L	1		3010	214578	12/16/15 04:00	200.7	218581-IT203	12/21/15-12:24AC
Antimony	0.000224	0.001	0.000039	mg/L	1	JIP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Arsenic	0.00320	0.002	0.000054	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Barium	0.0813	0.0002	0.000032	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Beryllium	0.000224	0.0002	0.000043	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Cadmium	0.0000990	0.0002	0.000029	mg/L	1	JIP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Chromium	0.0707	0.001	0.000028	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Copper	0.00917	0.001	0.000019	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Lead	0.00320	0.0002	0.000012	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Mercury	0.0000196	0.00002	0.000013	mg/L	1	J	7470	214779	12/21/15 10:00	245.1	218521-HG204	12/21/15-15:11AC
Nickel	0.0523	0.001	0.000021	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Selenium	0.00320	0.002	0.00015	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Silver	0.0000190	0.001	0.000012	mg/L	1	JIP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Thallium	0.0000780	0.0002	0.000014	mg/L	1	JIP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
Chromium III	0.0675	0.001	0.000028	mg/L	1	IP	3010	200072	01/05/16 03:45	200.8	200223-IX202	01/07/16-09:55AC
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
BOD	0.8	2	0.19	mg/L	1	Jb	5210B	214513	12/15/15 18:28	5210B	218504-O2202	12/20/15-14:30AMM
Chlorine, Total	0.222	0.1	0.069	mg/L	1	T	4500CIG	214581	12/16/15 15:04	4500CIG	218219-UV207	12/16/15-15:13AMM
Chromium VI	3.20	0.1	0.012	ug/L	1		218.6	214845	12/17/15 16:57	218.6	218542-IC209	12/17/15-23:31MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
Color	<5.00	5	0.0	units	1	U	2120B	214695	12/15/15 15:00	2120B	218362-JMG	12/15/15-15:20jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	Ub	4500CNCE	214755	12/20/15 14:35	4500CNCE	218555-UV207	12/20/15-19:40AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-07:09AMB
Ammonia Nitrogen	0.331	0.2	0.072	mg/L	1		4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-07:09AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	214761	12/21/15 07:42	EPA351.2	218532-FI206	12/22/15-04:12AMB
Nitrogen, Total as Nitrogen	17.8	0.5	0.19	mg/L	1	b	351.2	214761	12/21/15 07:42	EPA351.2	218532-FI206	12/22/15-04:12AMB
Nitrate + Nitrite as N	17.8	0.1	0.032	mg/L	1		4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:50CJJ
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	214761	12/21/15 07:42	EPA351.2	218532-FI206	12/22/15-04:12AMB
Odor	ND	1	0.0	TON	1	U	2150B	214708	12/15/15 16:00	2150B	218376-JMG	12/15/15-16:25jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.0989	U	1664	200141	01/06/16 13:51	1664	200226-WT215	01/07/16-13:51AMM
Phosphorus, Total	0.410	0.2	0.031	mg/L	2		4500-P B	214734	12/18/15 16:03	4500PE	218408-UV205	12/21/15-18:17SJM
Solids, Total Suspended (TSS)	429	13	0.49	mg/L	13.333	b	2540D	214576	12/16/15 10:20	2540D	218307-WT215	12/17/15-13:30JBA
Turbidity	48.6	0.2	0.048	NTU	1		2130B	214720	12/15/15 18:30	2130B	218391-TR203	12/15/15-18:37jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	214629	12/17/15 11:25	314.0	218369-IC207	12/17/15-22:55SBL

**DQF Flags Definition:**

- b** The Blank was positive 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** To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.
- 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, (NH4)2SO4,NH4OH, HNO3 pH < 2, (NH4)2SO4,NH4OH

January 15, 2016

Lab ID : SP 1514000-001

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 15, 2015-08:50

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Description : SMBRP-09

Project : Malibu WWTP - Baseline GWM

**Sample Result - Organic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 504.1</b> <sup>VOA:1</sup>													
1,3-Dibromopropane <sup>‡</sup>	110	70-130		%	1		504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-09:04SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-09:04SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-09:04SBL
<b>EPA 505</b> <sup>VOA:1</sup>													
Tetrachloro-m-xylene <sup>‡</sup>	73.5	70-130		%	1		505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Alachlor	ND	0.2	0.17	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Chlordane	ND	0.1	0.034	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Dieldrin	ND	0.01	0.0028	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Endrin	ND	0.01	0.0043	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Heptachlor	ND	0.01	0.0038	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	UI	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-03:49SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 505</b> <sup>VOA:1</sup>												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-03:49SBL
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-03:49SBL
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-03:49SBL
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-03:49SBL
<b>EPA 507</b> <sup>AGT:1</sup>												
Triphenylphosphate <sup>‡</sup>	72.5	70-130		%	0.9434		507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Alachlor	ND	0.94	0.16	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Atrazine	ND	0.94	0.14	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Bromacil	ND	1.9	0.12	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Butachlor	ND	0.94	0.21	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Diazinon	ND	1.9	0.18	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Dimethoate	ND	1.9	0.089	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Metolachlor	ND	0.94	0.41	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Metribuzin	ND	0.47	0.24	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Molinate	ND	1.9	0.13	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Prometryne	ND	1.9	0.095	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Propachlor	ND	0.94	0.12	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Simazine	ND	0.94	0.16	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Thiobencarb	ND	0.94	0.15	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
Cyanazine	ND	0.94	0.11	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-04:29SG
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4-DCAA <sup>‡</sup>	101	70-130		%	1		515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/22/15-23:32SG
<b>EPA 524.2</b> <sup>VOA:13</sup>												
4-Bromofluorobenzene <sup>‡</sup>	97.4	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2-Dichlorobenzene-d4 <sup>‡</sup>	100	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Chloroform	0.472	0.5	0.070	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <small>VOA:13</small>												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <sup>VOA:13</sup>												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
Total Trihalomethanes	0.472	0.5	0.12	ug/L	1	UJ	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/17/15-00:21VRG
<b>EPA 531.1</b> <sup>AGT:18</sup>												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
β-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:16SG
<b>EPA 547</b> <sup>AGT:1</sup>												
Glyphosate	4.12	20	0.97	ug/L	1	J	547	214550	12/15/15 16:35	547	218177-LC204	12/16/15-01:01SG
<b>EPA 548.1</b> <sup>AGT:1</sup>												
Endothall	ND	40	16	ug/L	1	Ub	548.1	214805	12/21/15 15:01	548.1	200072-GC220	01/04/16-21:54SG
<b>EPA 549</b> <sup>AST:1</sup>												
Diquat	ND	2	0.12	ug/L	1	U	549	214727	12/18/15 15:15	549.2	218612-LC204	12/22/15-18:55SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 552.2</b> <sup>AGT:112</sup>												
2,3-Dibromopropionic Acid <sup>‡</sup>	72.7	70-130		%	1	f	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:06SBL
Bromoacetic Acid	0.610	1	0.18	ug/L	1	Jfb	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:06SBL
Chloroacetic Acid	ND	2	0.23	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218488-GC219	12/20/15-01:06SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:06SBL
Dichloroacetic Acid	0.382	1	0.19	ug/L	1	Jf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:06SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:06SBL
Haloacetic acids (five)	0.992	1	0.18	ug/L	1	JfbU	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:06SBL
<b>EPA 608</b> <sup>AGT:1</sup>												
Tetrachloro-m-xylene <sup>‡</sup>	62.2	15-143		%	0.97561		608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
Chlordane	ND	2	0.16	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
Toxaphene	ND	2	0.18	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1016	ND	0.49	0.10	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1221	ND	0.49	0.084	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1232	ND	0.49	0.19	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1242	ND	0.49	0.11	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1248	ND	0.49	0.064	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1254	ND	0.49	0.13	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
PCB 1260	ND	0.49	0.049	ug/L	0.97561	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:11SBL
<b>EPA 624</b> <sup>VOA:13</sup>												
4-Bromofluorobenzene <sup>‡</sup>	112	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Fluorobenzene <sup>‡</sup>	93.1	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Pentafluorobenzene <sup>‡</sup>	98.7	59-151		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Acrolein	ND	5	12	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Bromoform	ND	1	0.077	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 624</b> <small>VOA:13</small>												
Carbon Disulfide	ND	5	0.91	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Chlorobenzene	ND	0.5	0.021	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Chloroform	0.435	0.5	0.047	ug/L	1	Jf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,3-Dichlorobenzene	ND	0.5	0.071	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,4-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Tetrachloroethylene	ND	0.5	0.033	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Trichloroethylene	ND	0.5	0.069	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 624</b> <sup>VOA:13</sup>												
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
<b>EPA 625</b> <sup>AGT:1</sup>												
2-Fluorobiphenyl <sup>†</sup>	75.0	15-91		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2-Fluorophenol <sup>†</sup>	67.7	12-86		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Nitrobenzene-d5 <sup>†</sup>	76.3	9-95		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Phenol-d6 <sup>†</sup>	81.1	7-77		%	0.93897	H	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
p-Terphenyl-d14 <sup>†</sup>	66.4	37-100		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4,6-Tribromophenol <sup>†</sup>	79.2	18-105		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Acenaphthene	ND	0.94	0.50	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Acenaphthylene	ND	0.94	0.39	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Anthracene	ND	0.94	0.43	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Benzidine	ND	9.4	1.8	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <small>AGT:1</small>												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Chrysene	ND	0.94	0.51	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.93897	UH	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Diethylphthalate	ND	0.94	0.34	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Dimethylphthalate	ND	0.94	0.31	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Fluoranthene	ND	0.94	0.44	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Fluorene	ND	0.94	0.62	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Isophorone	ND	0.94	0.41	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Naphthalene	ND	0.94	0.55	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Nitrobenzene	ND	0.94	0.47	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2-Nitrophenol	ND	1.9	1.1	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <sup>AGT:1</sup>												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Phenanthrene	ND	0.94	0.50	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Phenol	ND	0.94	0.88	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Pyrene	ND	0.94	0.46	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Pyridine	ND	9.4	0.32	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.93897	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Aldrin	ND	5	0.91	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Alpha BHC	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Beta BHC	ND	5	1.5	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Delta BHC	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
alpha-Chlordane	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
gamma-Chlordane	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
p,p'-DDD	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
p,p'-DDE	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
p,p'-DDT	ND	5	4.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Dieldrin	ND	5	1.5	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Endosulfan I	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Endosulfan II	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Endosulfan Sulfate	ND	5	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Endrin	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Endrin Aldehyde	ND	5	1.9	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Endrin Ketone	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Heptachlor	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Heptachlor Epoxide	ND	5	0.77	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Lindane (Gamma BHC)	ND	5	3.7	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Methoxychlor	ND	5	0.46	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
cis_Nonachlor	ND	50	1.6	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
o,p - DDD	ND	5	0.54	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
o,p - DDE	ND	5	0.35	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
o,p - DDT	ND	5	0.95	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
trans-Nonachlor	ND	50	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
Tetrachloro-m-xylene <sup>‡</sup>	60.8	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
<b>TOC</b> <sup>AVT:14</sup>												
TOC	0.768	0.5	0.15	mg/L	1	b	5310C	214953	12/24/15 11:58	5310C	218763-TC203	12/27/15-15:44AMM

**DQF Flags Definition:**

- b The Blank was positive for constituent but less than the PQL
- H 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 To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.
- 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: Monochloroacetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

January 15, 2016

Lab ID : SP 1514000-001

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : SMBRP-09

Project : Malibu WWTP - Baseline GWM

Sampled On : December 15, 2015-08:50

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

**Sample Result - Radio**

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
<b>Radio Chemistry</b> <sup>P:1</sup>											
Gross Alpha	21.0 ± 4.42	2.53	pCi/L	15		900.0	214870	12/23/15 07:45	900.0	218810-GP219	12/28/15-07:00caa
Gross Beta	6.35 ± 2.62	2.53	pCi/L	50		900.0	214870	12/23/15 07:45	900.0	218810-GP219	12/28/15-07:00caa
Strontium 90	1.69 ± 0.895	0.683	pCi/L	8		905.0	214666	12/17/15 18:30	905.0	218744-GP218	01/06/16-16:00caa
Total Alpha Radium (226)	0.088 ± 0.250	0.470	pCi/L	3		903.0	214952	12/24/15 11:30	903.0	200252-GP216	12/29/15-09:20emv
Tritium	0.000 ± 265	434	pCi/L	20000		906.0	214760	12/21/15 07:40	906.0	218552-LS201	12/21/15-23:00caa
Uranium	12.9 ± 2.22	0.300	pCi/L	20		908.0	214872	12/23/15 08:00	908.0	218750-GP220	12/24/15-19:16caa
Ra 228	0.000 ± 0.462	0.200	pCi/L	2		Ra - 05	214817	12/28/15 17:30	Ra - 05	200185-GP219	01/02/16-11:50emv

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.

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.

January 15, 2016

Lab ID : SP 1514000-004

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 15, 2015-11:00

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Description : TY-MW-1

Project : Malibu WWTP - Baseline GWM

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>General Mineral</b> <sup>P:15</sup>													
Total Hardness as CaCO3	1250	2.5	0.064	mg/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Calcium	285	1	0.064	mg/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Magnesium	130	1	0.087	mg/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Potassium	12.1	1	0.18	mg/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Sodium	139	1	0.21	mg/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Total Cations	31.3	0.1	0.064	meq/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Boron	0.272	0.05	0.011	mg/L	1	1	200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Copper	ND	10	880	ug/L	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Iron	1230	50	7.9	ug/L	1	h	200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Manganese	64.7	10	0.50	ug/L	1	1	200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Zinc	ND	20	4900	ug/L	1	h	200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
SAR	1.71	0.1	0.064	--	1		200.1	214835	12/22/15	04:00	200.7	218724-IT204	12/27/15-23:12AC
Total Alkalinity (as CaCO3)	498	10	1.1	mg/L	1	J	2320B	214558	12/16/15	03:00	2320B	218190-MT201	12/16/15-11:27AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	214558	12/16/15	03:00	2320B	218190-MT201	12/16/15-11:27AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	214558	12/16/15	03:00	2320B	218190-MT201	12/16/15-11:27AMB
Bicarbonate as HCO3	608	10	1.1	mg/L	1.000	J	2320B	214558	12/16/15	03:00	2320B	218190-MT201	12/16/15-11:27AMB
Sulfate	658	10	0.092	mg/L	10		300.0	214995	12/24/15	11:45	300.0	218772-IC207	12/24/15-23:26MCA
Chloride	410	10	0.0063	mg/L	10		300.0	214995	12/24/15	11:45	300.0	218772-IC207	12/24/15-23:26MCA
Nitrate as NO3	ND	0.4	0.0044	mg/L	1	UbT	300.0	214995	12/24/15	11:45	300.0	218772-IC207	12/24/15-23:06MCA
Nitrite as N	0.00470	0.1	0.0016	mg/L	1	JIT	4500NO2B	214635	12/17/15	11:30	4500NO2B	218261-UV207	12/17/15-11:49MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>General Mineral</b> <sup>P:15</sup>													
Nitrate + Nitrite as N	ND	0.1	0.0044	mg/L	1	UbT	300.0	214995	12/24/15	11:45	300.0	218772-IC207	12/24/15-23:06MCA
Fluoride	0.391	0.1	0.011	mg/L	1	b	300.0	214995	12/24/15	11:45	300.0	218772-IC207	12/24/15-23:06MCA
Total Anions	35.2	0.1	1.1	meq/L	1.000	Jbl	2320B	214558	12/16/15	03:00	2320B	218190-MT201	12/16/15-11:27AMB
pH	7.06	--	0.010	units	1		4500-H B	215020	12/15/15	11:00	4500HB	218792-CL000	12/15/15-11:00Peter
Specific Conductance	3080	1	0.16	umhos/cm	1		2510B	214580	12/16/15	10:48	2510B	218218-EC205	12/17/15-10:35JMG
Total Dissolved Solids	2170	40	5.8	mg/L	1	b	2540CE	214637	12/17/15	16:40	2540C	218367-WT219	12/18/15-10:38JMG
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	214946	12/15/15	16:00	5540C	218682-JMG	12/15/15-16:15jmg
Aggressiveness Index	12.6	1	0.010	--	1		4500-H B	215020	12/15/15	11:00	4500HB	218792-CL000	12/15/15-11:00Peter
Langelier Index (20°C)	0.7	1	0.010	--	1	bJ	4500-H B	215020	12/15/15	11:00	4500HB	218792-CL000	12/15/15-11:00Peter
Nitrate Nitrogen	ND	0.1	0.0011	mg/L	1	UbT	300.0	214995	12/24/15	11:45	300.0	218772-IC207	12/24/15-23:06MCA
<b>Metals, Total</b> <sup>P:15</sup>													
Aluminum	0.418	0.02	0.00014	mg/L	2	P	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-11:32AC
Antimony	0.000773	0.001	0.000039	mg/L	1	JIP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Arsenic	0.00144	0.002	0.000054	mg/L	1	JIP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Barium	0.0386	0.0002	0.000032	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Beryllium	ND	0.0002	0.000043	mg/L	1	UIP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Cadmium	0.000419	0.0002	0.000029	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Chromium	0.00556	0.001	0.000028	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Copper	0.00417	0.001	0.000019	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Lead	0.000399	0.0002	0.000012	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Mercury	0.00000977	0.00002	0.000013	mg/L	1	J	7470	214779	12/21/15	10:00	245.1	218521-HG204	12/21/15-15:15AC
Nickel	0.0246	0.001	0.000021	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Selenium	0.00367	0.002	0.00015	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Silver	0.0000430	0.001	0.000012	mg/L	1	JIP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Thallium	0.0000260	0.0002	0.000014	mg/L	1	JIP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
Chromium III	0.00488	0.001	0.000028	mg/L	1	IP	3010	200072	01/05/16	03:45	200.8	200223-IX202	01/07/16-10:01AC
<b>Wet Chemistry</b> <sup>AGT:1</sup>													
BOD	0.9	2	0.19	mg/L	1	Jb	5210B	214513	12/15/15	18:32	5210B	218504-O2202	12/20/15-14:30AMM
Chlorine, Total	0.126	0.1	0.069	mg/L	1	T	4500CIG	214581	12/16/15	15:04	4500CIG	218219-UV207	12/16/15-15:14AMM
Chromium VI	0.681	0.1	0.012	ug/L	1		218.6	214845	12/17/15	16:57	218.6	218542-IC209	12/17/15-23:42MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
Color	<5.00	5	0.0	units	1	U	2120B	214695	12/15/15 15:00	2120B	218362-JMG	12/15/15-15:20jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	Ub	4500CNCE	214755	12/20/15 14:35	4500CNCE	218555-UV207	12/20/15-19:40AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	b	4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-06:48AMB
Ammonia Nitrogen	1.09	0.2	0.072	mg/L	1		4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-06:48AMB
Kjeldahl Nitrogen	0.613	0.5	0.19	mg/L	1	b	351.2	214761	12/21/15 07:42	EPA351.2	218532-FI206	12/22/15-04:13AMB
Nitrogen, Total as Nitrogen	0.703	0.5	0.19	mg/L	1	bJ	351.2	214761	12/21/15 07:42	EPA351.2	218532-FI206	12/22/15-04:13AMB
Nitrate + Nitrite as N	0.0900	0.1	0.032	mg/L	1	J	4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:52CJJ
Kjeldahl Nitrogen	0.613	0.5	0.19	mg/L	1	b	351.2	214761	12/21/15 07:42	EPA351.2	218532-FI206	12/22/15-04:13AMB
Odor	ND	1	0.0	TON	1	U	2150B	214709	12/16/15 08:45	2150B	218378-JMG	12/16/15-09:30jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.087	U	1664	200141	01/06/16 13:51	1664	200226-WT215	01/07/16-13:51AMM
Phosphorus, Total	0.416	0.1	0.031	mg/L	1		4500-P B	214734	12/18/15 16:03	4500PE	218408-UV205	12/21/15-18:18SJJ
Solids, Total Suspended (TSS)	489	17	0.49	mg/L	16.667	b	2540D	214576	12/16/15 10:20	2540D	218307-WT215	12/17/15-13:30JBA
Turbidity	17.7	0.2	0.048	NTU	1		2130B	214720	12/15/15 18:30	2130B	218391-TR203	12/15/15-18:37jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	214629	12/17/15 11:25	314.0	218369-IC207	12/17/15-23:18SBL

**DQF Flags Definition:**

- b** The Blank was positive 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** To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.
- 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, (NH4)2SO4,NH4OH, HNO3 pH < 2, (NH4)2SO4,NH4OH

January 15, 2016

Lab ID : SP 1514000-004

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 15, 2015-11:00

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Description : TY-MW-1

Project : Malibu WWTP - Baseline GWM

**Sample Result - Organic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 504.1</b> <sup>VOA:1</sup>													
1,3-Dibromopropane <sup>‡</sup>	109	70-130		%	1		504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-09:38SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-09:38SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	214788	12/21/15	15:30	504.1	218511-GC216	12/22/15-09:38SBL
<b>EPA 505</b> <sup>VOA:1</sup>													
Tetrachloro-m-xylene <sup>‡</sup>	18.5	70-130		%	1	L	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Alachlor	ND	0.2	0.17	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Chlordane	ND	0.1	0.034	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Dieldrin	ND	0.01	0.0028	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Endrin	ND	0.01	0.0043	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Heptachlor	ND	0.01	0.0038	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	UI	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-04:25SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 505</b> <sup>VOA:1</sup>												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-04:25SBL
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-04:25SBL
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-04:25SBL
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-04:25SBL
<b>EPA 507</b> <sup>AGT:1</sup>												
Triphenylphosphate <sup>‡</sup>	63.1	70-130		%	0.9434	L	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Alachlor	ND	0.94	0.16	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Atrazine	ND	0.94	0.14	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Bromacil	ND	1.9	0.12	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Butachlor	ND	0.94	0.21	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Diazinon	ND	1.9	0.18	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Dimethoate	ND	1.9	0.089	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Metolachlor	ND	0.94	0.41	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Metribuzin	ND	0.47	0.24	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Molinate	ND	1.9	0.13	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Prometryne	ND	1.9	0.095	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Propachlor	ND	0.94	0.12	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Simazine	ND	0.94	0.16	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Thiobencarb	ND	0.94	0.15	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
Cyanazine	ND	0.94	0.11	ug/L	0.9434	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-05:06SG
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4-DCAA <sup>‡</sup>	100	70-130		%	1		515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-00:09SG
<b>EPA 524.2</b> <sup>VOA:13</sup>												
4-Bromofluorobenzene <sup>‡</sup>	97.5	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2-Dichlorobenzene-d4 <sup>‡</sup>	101	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <small>VOA:13</small>												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <sup>VOA:13</sup>												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-23:58VRG
<b>EPA 531.1</b> <sup>AGT:18</sup>												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
β-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-01:47SG
<b>EPA 547</b> <sup>AGT:1</sup>												
Glyphosate	ND	20	0.97	ug/L	1	U	547	214550	12/15/15 16:35	547	218177-LC204	12/16/15-01:26SG
<b>EPA 548.1</b> <sup>AGT:1</sup>												
Endothall	ND	40	16	ug/L	1	Ub	548.1	214805	12/21/15 15:01	548.1	200072-GC220	01/04/16-22:23SG
<b>EPA 549</b> <sup>AST:1</sup>												
Diquat	ND	2	0.12	ug/L	1	U	549	214727	12/18/15 15:15	549.2	218612-LC204	12/22/15-19:02SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 552.2</b> <small>AGT:112</small>												
2,3-Dibromopropionic Acid <sup>†</sup>	81.8	70-130		%	1	f	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
Bromoacetic Acid	ND	1	0.18	ug/L	1	Ufb	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
Chloroacetic Acid	ND	2	0.23	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
Dichloroacetic Acid	0.340	1	0.19	ug/L	1	Jf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
Haloacetic acids (five)	0.340	1	0.18	ug/L	1	UfbJ	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-01:36SBL
<b>EPA 608</b> <small>AGT:1</small>												
Tetrachloro-m-xylene <sup>†</sup>	71.5	15-143		%	0.93458		608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
Chlordane	ND	1.9	0.16	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
Toxaphene	ND	1.9	0.18	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1016	ND	0.47	0.10	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1221	ND	0.47	0.084	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1232	ND	0.47	0.19	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1242	ND	0.47	0.11	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1248	ND	0.47	0.064	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1254	ND	0.47	0.13	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
PCB 1260	ND	0.47	0.049	ug/L	0.93458	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-00:48SBL
<b>EPA 624</b> <small>VOA:13</small>												
4-Bromofluorobenzene <sup>†</sup>	108	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Fluorobenzene <sup>†</sup>	91.9	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Pentafluorobenzene <sup>†</sup>	97.8	59-151		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Acrolein	ND	5	12	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Bromoform	ND	1	0.077	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 624</b> <small>VOA:13</small>												
Carbon Disulfide	ND	5	0.91	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Chlorobenzene	ND	0.5	0.021	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Chloroform	ND	0.5	0.047	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,3-Dichlorobenzene	ND	0.5	0.071	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,4-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Tetrachloroethylene	ND	0.5	0.033	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Trichloroethylene	ND	0.5	0.069	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 624</b> <sup>VOA:13</sup>												
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
<b>EPA 625</b> <sup>AGT:1</sup>												
2-Fluorobiphenyl <sup>†</sup>	75.8	15-91		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2-Fluorophenol <sup>†</sup>	71.2	12-86		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Nitrobenzene-d5 <sup>†</sup>	77.4	9-95		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Phenol-d6 <sup>†</sup>	72.5	7-77		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
p-Terphenyl-d14 <sup>†</sup>	49.4	37-100		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4,6-Tribromophenol <sup>†</sup>	83.9	18-105		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Acenaphthene	ND	0.94	0.50	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Acenaphthylene	ND	0.94	0.39	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Benzidine	ND	9.4	1.8	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <small>AGT:1</small>												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Chrysene	ND	0.94	0.51	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.9434	UH	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Diethylphthalate	ND	0.94	0.34	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Dimethylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Fluoranthene	ND	0.94	0.44	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Fluorene	ND	0.94	0.62	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Isophorone	ND	0.94	0.41	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Naphthalene	ND	0.94	0.55	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Nitrobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <sup>AGT:1</sup>												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Phenanthrene	ND	0.94	0.50	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Phenol	ND	0.94	0.88	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Pyrene	ND	0.94	0.46	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Pyridine	ND	9.4	0.32	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.9434	U	625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Aldrin	ND	5	0.91	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Alpha BHC	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Beta BHC	ND	5	1.5	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Delta BHC	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
alpha-Chlordane	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
gamma-Chlordane	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
p,p'-DDD	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
p,p'-DDE	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
p,p'-DDT	ND	5	4.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Dieldrin	ND	5	1.5	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Endosulfan I	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Endosulfan II	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Endosulfan Sulfate	ND	5	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Endrin	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Endrin Aldehyde	ND	5	1.9	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Endrin Ketone	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG
Heptachlor	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SSG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Heptachlor Epoxide	ND	5	0.77	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Lindane (Gamma BHC)	ND	5	3.7	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Methoxychlor	ND	5	0.46	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
cis_Nonachlor	ND	50	1.6	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
o,p - DDD	ND	5	0.54	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
o,p - DDE	ND	5	0.35	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
o,p - DDT	ND	5	0.95	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
trans-Nonachlor	ND	50	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Tetrachloro-m-xylene <sup>‡</sup>	64.4	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
<b>TOC</b> <sup>AVT:14</sup>												
TOC	1.02	0.5	0.15	mg/L	1	b	5310C	214953	12/24/15 11:58	5310C	218763-TC203	12/27/15-16:06AMM

**DQF Flags Definition:**

- b The Blank was positive 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.
- l The MS/MSD did not meet QC criteria.
- 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.
- 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: Monochloroacetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

January 15, 2016

Lab ID : SP 1514000-004  
 Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 15, 2015-11:00  
 Sampled By : Peter  
 Received On : December 15, 2015-15:30  
 Matrix : Monitoring Well

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

**Sample Result - Radio**

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
<b>Radio Chemistry</b> <sup>P:1</sup>											
Gross Alpha	13.1 ± 3.60	2.51	pCi/L	15		900.0	214870	12/23/15 07:45	900.0	218810-GP219	12/28/15-09:00caa
Gross Beta	6.96 ± 2.49	2.53	pCi/L	50		900.0	214870	12/23/15 07:45	900.0	218810-GP219	12/28/15-09:00caa
Strontium 90	0.376 ± 0.694	0.682	pCi/L	8		905.0	214666	12/17/15 18:30	905.0	218744-GP218	12/22/15-12:40caa
Total Alpha Radium (226)	0.000 ± 0.222	0.470	pCi/L	3		903.0	214952	12/24/15 11:30	903.0	200252-GP216	12/29/15-09:40emv
Tritium	0.000 ± 263	434	pCi/L	20000		906.0	214760	12/21/15 07:40	906.0	218552-LS201	12/22/15-01:00caa
Uranium	3.07 ± 1.13	0.300	pCi/L	20		908.0	214872	12/23/15 08:00	908.0	218750-GP220	12/24/15-19:41caa
Ra 228	0.000 ± 0.400	0.253	pCi/L	2		Ra - 05	214817	12/28/15 17:30	Ra - 05	200182-GP218	01/02/16-12:30emv

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.

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.

January 15, 2016

Lab ID : SP 1514000-005

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : SMBRP-13

Project : Malibu WWTP - Baseline GWM

Sampled On : December 15, 2015-12:53

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P,1</sup>												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:46CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	214597	12/16/15 09:53	4500NO3F	218242-FI207	12/16/15-13:44CJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ub	4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-05:59AMB
Ammonia Nitrogen	0.200	0.2	0.072	mg/L	1		4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-05:59AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	214611	12/17/15 08:30	EPA351.2	218350-FI206	12/18/15-08:42AMB
Phosphorus, Total	0.316	0.1	0.031	mg/L	1		4500-P B	214734	12/18/15 16:03	4500PE	218408-UV205	12/21/15-18:19SJJ
Total Dissolved Solids (TFR)	1810	20	5.8	mg/L	1	b	2540CE	214637	12/17/15 16:40	2540C	218367-WT219	12/18/15-10:42JMG

**DQF Flags Definition:**

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

January 15, 2016

Lab ID : SP 1514000-006

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : SMBRP-7B

Project : Malibu WWTP - Baseline GWM

Sampled On : December 15, 2015-14:15

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P,1</sup>												
Nitrate Nitrogen	0.0400	0.1	0.032	mg/L	1	J	4500NO3F	214570	12/16/15 09:53	4500NO3F	218244-FI207	12/16/15-13:48CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	214597	12/16/15 09:53	4500NO3F	218242-FI207	12/16/15-13:46CJJ
Nitrogen, Organic	0.360	0.5	0.072	mg/L	1	Jb	4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-06:15AMB
Ammonia Nitrogen	0.192	0.2	0.072	mg/L	1	J	4500NH3G	214669	12/18/15 04:00	4500NH3G	218453-FI207	12/21/15-06:15AMB
Kjeldahl Nitrogen	0.552	0.5	0.19	mg/L	1	b	351.2	214611	12/17/15 08:30	EPA351.2	218350-FI206	12/18/15-08:43AMB
Phosphorus, Total	0.478	0.2	0.031	mg/L	2		4500-P B	214734	12/18/15 16:03	4500PE	218408-UV205	12/21/15-18:20SJJ
Total Dissolved Solids (TFR)	3090	20	5.8	mg/L	1	b	2540CE	214637	12/17/15 16:40	2540C	218367-WT219	12/18/15-10:43JMG

**DQF Flags Definition:**

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



January 15, 2016

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW04S

Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1514000-007

Customer ID : 2-25173

Sampled On : December 15, 2015-09:45

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> P:116												
Chromium VI	0.311	0.1	0.012	ug/L	1	J	218.6	214845	12/17/15 16:57	218.6	218542-IC209	12/17/15-20:14MCA
<b>DQF Flags Definition:</b>												
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: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, (NH4)2SO4,NH4OH, HNO3 pH < 2, (NH4)2SO4,NH4OH



January 15, 2016  
Rincon Consultants, Inc.

Lab ID : SP 1514000  
Customer : 2-25173

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,2-Dibromoethane(EDB)	504	12/21/15:214788SBL	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2531	101 %	70-130	
			LCS	ug/L	0.2631	104 %	70-130	
			BS	ug/L	0.2620	101 %	70-130	
			BSD	ug/L	0.2576	102 %	70-130	
			BSRPD	ug/L	0.6045	0.9%	≤30	
1,3-Dibromopropane	504	12/21/15:214788SBL	Blank	ug/L	0.6211	90.8 %	70-130	
			LCS	ug/L	0.5941	101 %	70-130	
			LCS	ug/L	0.6175	98.4 %	70-130	
			BS	ug/L	0.6150	96.1 %	70-130	
			BSD	ug/L	0.6045	94.9 %	70-130	
			BSRPD	ug/L	0.6045	3.0%	≤30	
DBCP	504	12/21/15:214788SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2531	104 %	70-130	
			LCS	ug/L	0.2631	105 %	70-130	
			BS	ug/L	0.2620	103 %	70-130	
			BSD	ug/L	0.2576	106 %	70-130	
			BSRPD	ug/L	0.6045	1.3%	≤30	
13DBP	504.1	12/22/15:218511SBL	CCV	ug/L	9.975	113 %	70-130	
			CCV	ug/L	7.481	116 %	70-130	
DBCP	504.1	12/22/15:218511SBL	CCV	ug/L	5.000	107 %	70-130	
			CCV	ug/L	2.000	114 %	70-130	
EDB	504.1	12/22/15:218511SBL	CCV	ug/L	5.000	109 %	70-130	
			CCV	ug/L	2.000	97.5 %	70-130	
Alachlor	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.858	103 %	82-127	
			MS	ug/L	5.857	96.8 %	90-119	
			MSD	ug/L	5.874	90.3 %	90-119	
			MSRPD	ug/L	1.176	6.7%	≤28.7	
	505	12/18/15:218312SBL	CCV	ug/L	100.0	109 %	70-130	
			CCV	ug/L	100.0	94.2 %	70-130	
Aldrin	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.075	
			LCS	ug/L	0.5858	111 %	83-131	
			MS	ug/L	0.5857	103 %	0-196	
			MSD	ug/L	0.5874	100 %	0-196	
			MSRPD	ug/L	1.176	2.8%	≤50.6	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	111 %	70-130	
			CCV	ug/L	10.00	102 %	70-130	
Chlordane	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.1	
Dieldrin	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	111 %	89-116	
			MS	ug/L	0.5857	104 %	89-115	
			MSD	ug/L	0.5874	91.6 %	89-115	
			MSRPD	ug/L	1.176	12.7%	≤5.55	435
	505	12/18/15:218312SBL	CCV	ug/L	10.00	118 %	70-130	
			CCV	ug/L	10.00	101 %	70-130	
Endrin	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	107 %	77-119	
			MS	ug/L	0.5857	98.1 %	74-114	
			MSD	ug/L	0.5874	82.5 %	74-114	
			MSRPD	ug/L	1.176	17.0%	≤8.81	435
	505	12/18/15:218312SBL	CCV	ug/L	10.00	112 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Endrin	505	12/18/15:218312SBL	CCV	ug/L	10.00	88.4 %	70-130	
Heptachlor	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	116 %	84-128	
			MS	ug/L	0.5857	110 %	87-124	
			MSD	ug/L	0.5874	103 %	87-124	
			MSRPD	ug/L	1.176	6.3%	≤11.9	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	120 %	70-130	
			CCV	ug/L	10.00	104 %	70-130	
Heptachlor Epoxide	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	86.1 %	85-123	
			MS	ug/L	0.5857	79.9 %	90-116	435
			MSD	ug/L	0.5874	71.2 %	90-116	435
			MSRPD	ug/L	1.176	11.3%	≤8.09	435
	505	12/18/15:218312SBL	CCV	ug/L	10.00	91.6 %	70-130	
			CCV	ug/L	10.00	76.7 %	70-130	
Hexachlorobenzene	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	117 %	82-129	
			MS	ug/L	0.5857	111 %	90-119	
			MSD	ug/L	0.5874	108 %	90-119	
			MSRPD	ug/L	1.176	2.7%	≤10.8	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	120 %	70-130	
			CCV	ug/L	10.00	106 %	70-130	
Hexachlorocyclopentadiene	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5858	112 %	56-175	
			MS	ug/L	0.5857	98.0 %	50-190	
			MSD	ug/L	0.5874	97.8 %	50-190	
			MSRPD	ug/L	1.176	0.1%	≤16.7	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	10.00	94.2 %	70-130	
Lindane	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5858	108 %	59-155	
			MS	ug/L	0.5857	101 %	45-167	
			MSD	ug/L	0.5874	94.9 %	45-167	
			MSRPD	ug/L	1.176	6.0%	≤4.98	435
	505	12/18/15:218312SBL	CCV	ug/L	10.00	114 %	70-130	
			CCV	ug/L	10.00	96.9 %	70-130	
Methoxychlor	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.929	89.9 %	82-126	
			MS	ug/L	2.928	85.8 %	62-134	
			MSD	ug/L	2.937	65.9 %	62-134	
			MSRPD	ug/L	1.176	25.9%	≤7.94	435
	505	12/18/15:218312SBL	CCV	ug/L	50.00	97.0 %	70-130	
			CCV	ug/L	50.00	71.6 %	70-130	
PCB 1016/1242 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1242	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L	1.210	97.6 %	70-130	
			LCS	ug/L	1.173	101 %	70-130	
			MS	ug/L	1.172	93.1 %	N/A	
			MSD	ug/L	1.176	82.3 %	N/A	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Tetrachloro-m-xylene	505	12/17/15:214638SBL	MSRPD	ug/L	1.176	11.9%	≤30.0	
	505	12/18/15:218312SBL	CCV CCV	ug/L ug/L	20.02 20.02	108 % 96.2 %	70-130 70-130	
Toxaphene	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
Alachlor	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	92.3 % 95.6 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 83.0 % 102 % 77.0 % 0.59	 <1 70-130 47-147 47-147 ≤1	
Atrazine	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	103 % 102 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 109 % 128 % 101 % 22.4%	 <0.5 70-130 52-154 52-154 ≤29.4	
Bromacil	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	113 % 93.2 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 88.7 % 165 % 107 % 1.4	 <2 70-130 38-170 38-170 ≤2	
Butachlor	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	101 % 85.9 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 80.9 % 73.6 % 58.5 % 0.36	 <0.38 70-130 37-150 37-150 ≤0.38	
Cyanazine	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	115 % 91.9 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 85.0 % 84.8 % 62.3 % 0.54	 <0.5 70-130 41-152 41-152 ≤0.5	435
Diazinon	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	98.6 % 98.6 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 77.6 % 96.1 % 64.3 % 0.76	 <2 70-130 56-128 56-128 ≤2	
Dimethoate	507	01/01/16:218953SG	CCV CCV	ug/L ug/L	1000 500.0	109 % 98.3 %	80-120 80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 88.9 % 117 % 87.2 % 0.73	 <2 70-130 49-168 49-168 ≤2	
EPN/Triphenylphosphate	507	12/28/15:214978JOM/SL	Blank	ug/L	12.50	73.6 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> EPN/Triphenylphosphate	507	12/28/15:214978JOM/SL (VI 1544885-001)	LCS	ug/L	12.50	70.3 %	70-130	
			MS	ug/L	11.85	53.9 %	70-130	435
			MSD	ug/L	11.79	38.4 %	70-130	435
			MSRPD	ug/L	2.358	34.2%	≤30	435
Metolachlor	507	01/01/16:218953SG	CCV	ug/L	1000	94.2 %	80-120	
			CCV	ug/L	500.0	91.1 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	87.6 %	70-130	
Metribuzin	507	01/01/16:218953SG	CCV	ug/L	1000	110 %	80-120	
			CCV	ug/L	500.0	94.6 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	87.6 %	70-130	
			MS	ug/L	2.370	101 %	30-169	
507		MSD	ug/L	2.358	70.0 %	30-169		
		MSRPD	ug/L	2.358	0.74	≤0.5	435	
Molinate	507	01/01/16:218953SG	CCV	ug/L	1000	81.4 %	80-120	
			CCV	ug/L	500.0	98.2 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	118 %	70-130	
Prometryne	507	01/01/16:218953SG	CCV	ug/L	1000	105 %	80-120	
			CCV	ug/L	500.0	93.1 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	80.2 %	70-130	
			MS	ug/L	2.370	102 %	44-152	
507		MSD	ug/L	2.358	84.2 %	44-152		
		MSRPD	ug/L	2.358	0.43	≤2		
Propachlor	507	01/01/16:218953SG	CCV	ug/L	1000	97.1 %	80-120	
			CCV	ug/L	500.0	109 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	110 %	70-130	
Simazine	507	01/01/16:218953SG	CCV	ug/L	1000	111 %	80-120	
			CCV	ug/L	500.0	102 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	112 %	70-130	
			MS	ug/L	2.370	568 %	<¼	
507		MSD	ug/L	2.358	192 %	<¼		
		MSRPD	ug/L	2.358	22.7%	≤24.7		
Thiobencarb	507	01/01/16:218953SG	CCV	ug/L	1000	101 %	80-120	
			CCV	ug/L	500.0	94.6 %	80-120	
	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	82.4 %	70-130	
507		MS	ug/L	2.370	99.0 %	50-148		
		MSD	ug/L	2.358	70.9 %	50-148		
		MSRPD	ug/L	2.358	0.67	≤1		
Triphenylphosphate	507	01/01/16:218953SG	CCV	ug/L	7501	114 %	80-120	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Triphenylphosphate	507	01/01/16:218953SG	CCV	ug/L	2500	80.9 %	80-120	
2,4,5-T	515.3	12/22/15:218619SG	CCV	ug/L	80.00	107 %	70-130	
			CCV	ug/L	40.00	117 %	70-130	
2,4,5-TP (Silvex)	515.3	12/18/15:214738SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	114 %	70-130	
			MS	ug/L	4.000	112 %	70-130	
		(SP 1513871-001)	MSD	ug/L	4.000	118 %	70-130	
			MSRPD	ug/L	20.00	0.23	≤1	
	515.3	12/22/15:218619SG	CCV	ug/L	80.00	120 %	70-130	
			CCV	ug/L	40.00	112 %	70-130	
2,4,5-Trichlorophenoxyacetic A	515.3	12/18/15:214738SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	126 %	70-130	
			MS	ug/L	4.000	126 %	70-130	
		(SP 1513871-001)	MSD	ug/L	4.000	128 %	70-130	
			MSRPD	ug/L	20.00	1.2%	≤30.0	
2,4-D	515.3	12/18/15:214738SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	102 %	70-130	
			MS	ug/L	8.000	101 %	70-130	
		(SP 1513871-001)	MSD	ug/L	8.000	107 %	70-130	
			MSRPD	ug/L	20.00	0.43	≤2	
	515.3	12/22/15:218619SG	CCV	ug/L	160.0	113 %	70-130	
			CCV	ug/L	80.00	111 %	70-130	
2,4-DCAA	515.3	12/18/15:214738SG	Blank	ug/L	20.00	96.9 %	70-130	
			LCS	ug/L	20.00	72.6 %	70-130	
			MS	ug/L	20.00	70.3 %	N/A	
		(SP 1513871-001)	MSD	ug/L	20.00	76.1 %	N/A	
			MSRPD	ug/L	20.00	7.9%	≤30.	
	515.3	12/22/15:218619SG	CCV	ug/L	400.0	84.9 %	70-130	
			CCV	ug/L	200.0	77.8 %	70-130	
Bentazon	515.3	12/18/15:214738SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	96.1 %	70-130	
			MS	ug/L	8.000	102 %	70-130	
		(SP 1513871-001)	MSD	ug/L	8.000	106 %	70-130	
			MSRPD	ug/L	20.00	0.30	≤2	
	515.3	12/22/15:218619SG	CCV	ug/L	160.0	118 %	70-130	
			CCV	ug/L	80.00	114 %	70-130	
Dalapon	515.3	12/18/15:214738SG	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	96.6 %	70-130	
			MS	ug/L	52.00	65.1 %	70-130	435
		(SP 1513871-001)	MSD	ug/L	52.00	97.5 %	70-130	
			MSRPD	ug/L	20.00	17	≤10	435
	515.3	12/22/15:218619SG	CCV	ug/L	1040	90.3 %	70-130	
			CCV	ug/L	520.0	106 %	70-130	
Dicamba	515.3	12/18/15:214738SG	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	118 %	70-130	
			MS	ug/L	4.000	115 %	70-130	
		(SP 1513871-001)	MSD	ug/L	4.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.20	≤1	
	515.3	12/22/15:218619SG	CCV	ug/L	80.00	127 %	70-130	
			CCV	ug/L	40.00	124 %	70-130	
Dinoseb	515.3	12/18/15:214738SG	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	95.6 %	70-130	
			MS	ug/L	8.000	96.3 %	70-130	
		(SP 1513871-001)	MSD	ug/L	8.000	115 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Dinoseb	515.3	12/18/15:214738SG	MSRPD	ug/L	20.00	17.9%	≤30.0	
	515.3	12/22/15:218619SG	CCV CCV	ug/L ug/L	160.0 80.00	123 % 112 %	70-130 70-130	
Pentachlorophenol	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<0.2	435
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	4.000 4.000 4.000 20.00	127 % 125 % 131 % 4.2%	70-130 70-130 70-130 ≤30.0	
	515.3	12/22/15:218619SG	CCV CCV	ug/L ug/L	80.00 40.00	125 % 125 %	70-130 70-130	
Picloram	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<1	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	4.000 4.000 4.000 20.00	80.4 % 84.4 % 89.0 % 0.18	70-130 70-130 70-130 ≤1	
	515.3	12/22/15:218619SG	CCV CCV	ug/L ug/L	80.00 40.00	93.3 % 79.1 %	70-130 70-130	
1,1,1,2-Tetrachloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	129 % 91.5 % 33.9%	12-178 12-178 ≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
1,1,1-Trichloroethane(TCA)	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	129 % 101 % 24.9%	9-176 9-176 ≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
1,1,2,2-Tetrachloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	121 % 99.7 % 19.3%	23-180 23-180 ≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
1,1,2-Trichloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	122 % 96.9 % 23.3%	25-173 25-173 ≤29	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	133 %	70-130	360
1,1-Dichloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	110 % 84.9 % 25.7%	15-161 15-161 ≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	110 %	70-130	
1,1-Dichloroethylene	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	103 % 70.1 % 38.3%	0-162 0-162 ≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	99.3 %	70-130	435
1,1-Dichloropropene	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	119 % 91.6 % 26.3%	0-171 0-171 ≤31	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	110 %	70-130	
1,2,3-Trichlorobenzene	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	14-181	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,2,3-Trichlorobenzene	524.2	(CC 1584093-001)	MSD	ug/L	10.00	88.9 %	14-181	435
			MSRPD	ug/L	10.00	49.5%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	112 %	70-130	
1,2,4-Trichlorobenzene	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	146 %	10-180	
			MSD	ug/L	10.00	92.0 %	10-180	
			MSRPD	ug/L	10.00	45.2%	≤32	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	113 %	70-130	
1,2,4-Trimethylbenzene	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	123 %	2-192	
			MSD	ug/L	10.00	91.7 %	2-192	
			MSRPD	ug/L	10.00	29.5%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	70-130	
1,2-Dichlorobenzene	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	134 %	13-191	
			MSD	ug/L	10.00	94.0 %	13-191	
			MSRPD	ug/L	10.00	35.1%	≤35	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
1,2-Dichlorobenzene-d4	524.2	(CC 1584093-001)	Blank	ug/L	10.00	97.9 %	70-130	435
			MS	ug/L	10.00	112 %	70-130	
			MSD	ug/L	10.00	91.4 %	70-130	
			MSRPD	ug/L	10.00	19.9%	≤20	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	92.5 %	70-130	
1,2-Dichloroethane (EDC)	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	114 %	18-162	
			MSD	ug/L	10.00	95.8 %	18-162	
			MSRPD	ug/L	10.00	17.2%	≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	122 %	70-130	
1,2-Dichloropropane	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	116 %	10-163	
			MSD	ug/L	10.00	94.5 %	10-163	
			MSRPD	ug/L	10.00	20.3%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	119 %	70-130	
1,3,5-Trimethylbenzene	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	131 %	0-210	
			MSD	ug/L	10.00	96.4 %	0-210	
			MSRPD	ug/L	10.00	30.5%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
1,3-Dichlorobenzene	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	138 %	17-182	
			MSD	ug/L	10.00	94.5 %	17-182	
			MSRPD	ug/L	10.00	37.2%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	117 %	70-130	
1,3-Dichloropropane	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	126 %	0-178	
			MSD	ug/L	10.00	101 %	0-178	
			MSRPD	ug/L	10.00	21.5%	≤29	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	138 %	70-130	360
1,4-Dichlorobenzene	524.2	(CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	141 %	19-183	
			MSD	ug/L	10.00	94.3 %	19-183	
			MSRPD	ug/L	10.00	40.0%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
2,2-Dichloropropane	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 2,2-Dichloropropane	524.2	(CC 1584093-001)	MS	ug/L	10.00	119 %	0-288	
			MSD	ug/L	10.00	97.9 %	0-288	
MSRPD			ug/L	10.00	19.1%	≤33		
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	114 %	70-130	
2-Chlorotoluene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	127 %	17-180	
			MSD	ug/L	10.00	99.3 %	17-180	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	24.2%	≤38	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
4-Bromofluorobenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L	10.00	96.9 %	70-130	
			MS	ug/L	10.00	101 %	70-130	
			MSD	ug/L	10.00	94.7 %	70-130	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	6.9%	≤30	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	97.8 %	70-130	
4-Bromofluorobenzene (BFB)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	130 %	11-177	
			MSD	ug/L	10.00	101 %	11-177	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	25.2%	≤41	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
Benzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	12-158	
			MSD	ug/L	10.00	93.0 %	12-158	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	23.7%	≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	119 %	70-130	
Bromobenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	137 %	23-177	
			MSD	ug/L	10.00	92.4 %	23-177	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	39.2%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
Bromochloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	122 %	4-186	
			MSD	ug/L	10.00	89.1 %	4-186	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	31.0%	≤30	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
Bromodichloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	11-164	
			MSD	ug/L	10.00	93.6 %	11-164	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	23.4%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	119 %	70-130	
Bromoform	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	164 %	0-235	
			MSD	ug/L	10.00	118 %	0-235	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	32.8%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	128 %	70-130	
Bromomethane (Methyl Bromide)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	153 %	0-196	
			MSD	ug/L	10.00	100 %	0-196	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	42.1%	≤40	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	220 %	70-130	360
Carbon Tetrachloride	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	5-175	
			MSD	ug/L	10.00	96.3 %	5-175	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	28.7%	≤32	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	117 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Chlorobenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	135 %	14-175	
			MSD	ug/L	10.00	96.3 %	14-175	
			MSRPD	ug/L	10.00	33.3%	≤35	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	136 %	70-130	360
Chloroethane (Ethyl Chloride)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	125 %	0-184	
			MSD	ug/L	10.00	95.2 %	0-184	
			MSRPD	ug/L	10.00	27.1%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	176 %	70-130	360
Chloroform	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	15-163	
			MSD	ug/L	10.00	91.3 %	15-163	
			MSRPD	ug/L	10.00	22.0%	≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	117 %	70-130	
Chloromethane(Methyl Chloride)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-224	
			MSD	ug/L	10.00	99.4 %	0-224	
			MSRPD	ug/L	10.00	25.9%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	190 %	70-130	360
cis-1,2-Dichloroethylene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	120 %	16-172	
			MSD	ug/L	10.00	91.0 %	16-172	
			MSRPD	ug/L	10.00	27.2%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	125 %	70-130	
cis-1,3-Dichloropropene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	5-158	
			MSD	ug/L	10.00	103 %	5-158	
			MSRPD	ug/L	10.00	22.1%	≤38	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	135 %	70-130	360
Dibromochloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	160 %	1-180	
			MSD	ug/L	10.00	116 %	1-180	
			MSRPD	ug/L	10.00	32.4%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	154 %	70-130	360
Dibromomethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	115 %	11-168	
			MSD	ug/L	10.00	88.8 %	11-168	
			MSRPD	ug/L	10.00	25.7%	≤28	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	70-130	
Dichlorodifluoromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.9 %	0-334	
			MSD	ug/L	10.00	64.6 %	0-334	
			MSRPD	ug/L	10.00	38.1%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	129 %	70-130	
Dichloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	20-157	
			MSD	ug/L	10.00	85.7 %	20-157	
			MSRPD	ug/L	10.00	32.9%	≤36	
Ethyl tert-Butyl Ether	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	137 %	11-165	
			MSD	ug/L	10.00	117 %	11-165	
			MSRPD	ug/L	10.00	1.9	≤3	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	142 %	70-130	360

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Ethylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	131 %	9-174	
			MSD	ug/L	10.00	98.3 %	9-174	
			MSRPD	ug/L	10.00	28.2%	≤37	
Freon-11	524.2	12/16/15:218288VRG (CC 1584093-001)	CCV	ug/L	10.00	128 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	146 %	0-232	
			MSD	ug/L	10.00	104 %	0-232	
			MSRPD	ug/L	10.00	33.9%	≤35	
Hexachlorobutadiene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	158 %	14-200	
			MSD	ug/L	10.00	95.7 %	14-200	
			MSRPD	ug/L	10.00	49.0%	≤40	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	112 %	70-130	
Isopropyl Ether	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	130 %	8-165	
			MSD	ug/L	10.00	116 %	8-165	
			MSRPD	ug/L	10.00	1.4	≤3	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	136 %	70-130	360
Isopropylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	138 %	4-159	
			MSD	ug/L	10.00	101 %	4-159	
			MSRPD	ug/L	10.00	31.7%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
Methyl tert-Butyl Ether	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	155 %	70-130	360
Methyl tert-Butyl Ether (MTBE)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	146 %	11-168	
			MSD	ug/L	10.00	115 %	11-168	
			MSRPD	ug/L	10.00	23.5%	≤29	
Methylene Chloride	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	122 %	70-130	
Naphthalene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	0-189	
			MSD	ug/L	10.00	86.8 %	0-189	
			MSRPD	ug/L	10.00	36.6%	≤32	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	110 %	70-130	
n-Butylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	136 %	4-186	
			MSD	ug/L	10.00	103 %	4-186	
			MSRPD	ug/L	10.00	27.9%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	124 %	70-130	
n-Propylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	133 %	0-174	
			MSD	ug/L	10.00	100 %	0-174	
			MSRPD	ug/L	10.00	28.1%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
p-Isopropyltoluene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	143 %	0-193	
			MSD	ug/L	10.00	100 %	0-193	
			MSRPD	ug/L	10.00	35.1%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	70-130	
sec-Butylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	144 %	0-177	
			MSD	ug/L	10.00	104 %	0-177	
			MSRPD	ug/L	10.00	32.7%	≤40	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
sec-Butylbenzene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
Styrene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	0-198	
			MSD	ug/L	10.00	87.4 %	0-198	
			MSRPD	ug/L	10.00	32.3%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	128 %	70-130	
TAME	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	135 %	15-162	
			MSD	ug/L	10.00	122 %	15-162	
			MSRPD	ug/L	10.00	1.4	≤3	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	144 %	70-130	360
tert-Butylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	144 %	9-179	
			MSD	ug/L	10.00	103 %	9-179	
			MSRPD	ug/L	10.00	33.8%	≤38	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	124 %	30-130	
Tetrachloroethylene (PCE)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	140 %	14-186	
			MSD	ug/L	10.00	90.4 %	14-186	
			MSRPD	ug/L	10.00	43.3%	≤33	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
Toluene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	3-174	
			MSD	ug/L	10.00	95.2 %	3-174	
			MSRPD	ug/L	10.00	28.0%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	131 %	30-130	360
trans-1,2-Dichloroethylene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	5-165	
			MSD	ug/L	10.00	81.4 %	5-165	
			MSRPD	ug/L	10.00	36.8%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	118 %	70-130	
trans-1,3-Dichloropropene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	0-169	
			MSD	ug/L	10.00	98.1 %	0-169	
			MSRPD	ug/L	10.00	25.1%	≤31	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	132 %	70-130	360
Trichloroethylene (TCE)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	11-167	
			MSD	ug/L	10.00	98.6 %	11-167	
			MSRPD	ug/L	10.00	26.1%	≤35	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	127 %	70-130	
Trichlorofluoromethane F-11	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	192 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	0-183	
			MSD	ug/L	10.00	74.5 %	0-183	
			MSRPD	ug/L	10.00	44.0%	≤33	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	99.4 %	70-130	
Vinyl Chloride	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-208	
			MSD	ug/L	10.00	92.8 %	0-208	
			MSRPD	ug/L	10.00	32.6%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	184 %	30-130	360
Xylenes m,p	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	136 %	0-193	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Xylenes m,p	524.2	(CC 1584093-001)	MSD MSRPD	ug/L ug/L	20.00 10.00	99.4 % 31.2%	0-193 ≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	20.00	130 %	70-130	
Xylenes o	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	135 %	0-188	
			MSD	ug/L	10.00	96.8 %	0-188	
	MSRPD	ug/L	10.00	33.2 %	≤36			
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130		
3-Hydroxycarbofuran	531.1	12/21/15:214815SG (SP 1513871-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	90.2 %	80-120	
			MS	ug/L	20.00	122 %	65-135	
			MSD	ug/L	20.00	102 %	65-135	
			MSRPD	ug/L	20.00	17.6%	≤16.8	435
	531.1	12/22/15:218524SG	CCV	ug/L	10.00	104 %	80-120	
			CCV	ug/L	20.00	87.9 %	80-120	
Aldicarb	531.1	12/21/15:214815SG (SP 1513871-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	101 %	80-120	
			MS	ug/L	20.00	95.8 %	65-135	
			MSD	ug/L	20.00	99.8 %	65-135	
	MSRPD	ug/L	20.00	4.1%	≤11.2			
531.1	12/22/15:218524SG	CCV	ug/L	10.00	103 %	80-120		
			CCV	ug/L	20.00	93.4 %	80-120	
Aldicarb Sulfone	531.1	12/22/15:218524SG	CCV	ug/L	10.00	103 %	80-120	
			CCV	ug/L	20.00	97.6 %	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	12/21/15:214815SG (SP 1513871-001) (SP 1513871-001)	Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	95.2 %	80-120	
			LCS	ug/L	20.00	89.2 %	80-120	
			MS	ug/L	20.00	116 %	65-135	
			MS	ug/L	20.00	109 %	65-135	
			MSD	ug/L	20.00	96.7 %	65-135	
			MSD	ug/L	20.00	101 %	65-135	
			MSRPD	ug/L	20.00	18.1%	≤7.28	435
			MSRPD	ug/L	20.00	7.8%	≤13.8	
Aldicarb Sulfoxide	531.1	12/22/15:218524SG	CCV	ug/L	10.00	95.2 %	80-120	
			CCV	ug/L	20.00	86.4 %	80-120	
Carbaryl	531.1	12/22/15:218524SG	CCV	ug/L	10.00	91.2 %	80-120	
			CCV	ug/L	20.00	91.0 %	80-120	
Carbaryl/Naphthol	531.1	12/21/15:214815SG (SP 1513871-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	87.4 %	80-120	
			MS	ug/L	20.00	95.1 %	65-135	
			MSD	ug/L	20.00	91.6 %	65-135	
			MSRPD	ug/L	20.00	0.69	≤5	
Carbofuran	531.1	12/21/15:214815SG (SP 1513871-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	123 %	65-135	
			MSD	ug/L	20.00	111 %	65-135	
			MSRPD	ug/L	20.00	2.4	≤5	
	531.1	12/22/15:218524SG	CCV	ug/L	10.00	96.4 %	80-120	
			CCV	ug/L	20.00	105 %	80-120	
Methomyl	531.1	12/21/15:214815SG (SP 1513871-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	108 %	80-120	
			MS	ug/L	20.00	108 %	65-135	
			MSD	ug/L	20.00	90.2 %	65-135	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Methomyl	531.1	12/21/15:214815SG	MSRPD	ug/L	20.00	17.6%	≤53.1	
	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	91.0 % 94.3 %	80-120 80-120	
Oxamyl	531.1	12/21/15:214815SG  (SP 1513871-001)	Blank	ug/L		ND	<5	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	107 % 106 % 120 % 2.7	80-120 65-135 65-135 ≤5	
	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	110 % 115 %	80-120 80-120	
TOC	5310C	12/24/15:214953AMM	Blank	mg/L		ND	<0.5	
			BS BSD BSRPD	mg/L mg/L mg/L	15.00 15.00 15.00	106 % 106 % 0.2%	75-125 75-125 ≤23.0	
	5310C	12/27/15:218763AMM	CCV CCV	ppm ppm	15.00 15.00	104 % 98.6 %	67-122 67-122	
Glyphosate	547	12/15/15:214550SG  (SP 1513908-001)	Blank	ug/L		ND	<20	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	200.0 200.0 200.0 200.0	108 % 132 % 127 % 3.8%	71-129 56-139 56-139 ≤15	
	547	12/16/15:218177SG	CCV CCV	ug/L ug/L	100.0 200.0	110 % 103 %	80-120 80-120	
Endothall	548.1	01/04/16:200072SG	CCV CCV	ug/L ug/L	2500 1000	106 % 117 %	70-130 70-130	
			Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L		83.33 83.33 83.33 83.33	ND 86.4 % 23.6 % 46.5 % 19	<40 30-96 15-87 15-87 ≤40
Diquat Dibromide	549	12/18/15:214727SG  (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	74.7 % 0.0 % 0.0 % 0.0	34-114 0-86 0-86 ≤2	
	549.2	12/22/15:218612SG	CCV CCV	ug/L ug/L	1000 2000	100 % 94.9 %	80-120 80-120	
2,3-Dibromopropionic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L	5.000	83.8 %	70-130	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	124 % 146 % 134 % 8.6%	70-130 70-130 70-130 ≤20.0	435 435
Dibromoacetic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L		ND	<1	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 5.000	90.6 % 106 % 118 % 6.0%	70-130 70-130 70-130 ≤20.0	
Dichloroacetic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L		ND	<1	
			LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 5.000	103 % 90.0 % 98.6 % 8.3%	70-130 70-130 70-130 ≤20.0	
Monobromoacetic Acid	552	12/18/15:214728SBL	Blank LCS	ug/L ug/L		ND 98.0 %	<1 70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Monobromoacetic Acid	552	(SP 1513888-001)	MS	ug/L	10.00	105 %	70-130	
			MSD	ug/L	10.00	112 %	70-130	
			MSRPD	ug/L	5.000	7.4%	≤20.0	
Monochloroacetic Acid	552	12/18/15:214728SBL (SP 1513888-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.9 %	70-130	
			MS	ug/L	10.00	98.2 %	70-130	
			MSD	ug/L	10.00	107 %	70-130	
			MSRPD	ug/L	5.000	8.5%	≤20.0	
Trichloroacetic Acid	552	12/18/15:214728SBL (SP 1513888-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	106 %	70-130	
			MS	ug/L	10.00	97.6 %	70-130	
			MSD	ug/L	10.00	111 %	70-130	
			MSRPD	ug/L	5.000	12.1%	≤20.0	
2,3-Dibromopropionic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	50.00	88.2 %	70-130	
			CCV	ug/L	75.00	80.7 %	70-130	
Dibromoacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	100.0	104 %	70-130	
			CCV	ug/L	150.0	112 %	70-130	
Dichloroacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	100.0	104 %	70-130	
			CCV	ug/L	150.0	112 %	70-130	
Monobromoacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	100.0	101 %	70-130	
			CCV	ug/L	150.0	106 %	70-130	
Monochloroacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	100.0	106 %	70-130	
			CCV	ug/L	150.0	104 %	70-130	
	552.2	12/20/15:218488SBL	CCV	ug/L	100.0	101 %	70-130	
			CCV	ug/L	150.0	106 %	70-130	
Trichloroacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	100.0	107 %	70-130	
			CCV	ug/L	150.0	116 %	70-130	
Chlordane	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	12/21/15:214766JOM/DT (VI 1544885-001)	Blank	ug/L	0.5005	67.8 %	15-143	
			LCS	ug/L	0.5005	87.3 %	15-143	
			MS	ug/L	0.4722	73.9 %	26-141	
			MSD	ug/L	0.4767	76.4 %	26-141	
			MSRPD	ug/L	0.4767	4.3%	≤29	
	608	12/29/15:218887SBL	CCV	ug/L	100.1	88.5 %	85-115	
			CCV	ug/L	50.05	90.1 %	85-115	
Toxaphene	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	66-191	
			MSD	ug/L	10.00	126 %	66-191	
	624	12/18/15:218636VRG	MSRPD	ug/L	10.00	1.6%	≤21	
1,1,2,2-Tetrachloroethane	624	12/18/15:214909VRG (CC 1584155-001)	CCV	ug/L	10.00	103 %	75-125	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	122 %	30-180	
			MSD	ug/L	10.00	122 %	30-180	
			MSRPD	ug/L	10.00	0.3%	≤19	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	82.7 %	60-140	
1,1,2-Trichloroethane	624	12/18/15:214909VRG	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,1,2-Trichloroethane	624	(CC 1584155-001)	MS	ug/L	10.00	78.9 %	50-146	
			MSD	ug/L	10.00	76.7 %	50-146	
			MSRPD	ug/L	10.00	2.8%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	73.0 %	71-129	
1,1-Dichloroethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	124 %	63-159	
			MSD	ug/L	10.00	121 %	63-159	
			MSRPD	ug/L	10.00	2.5%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	104 %	72-128	
1,1-Dichloroethylene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-279	
			MSD	ug/L	10.00	123 %	0-279	
			MSRPD	ug/L	10.00	5.1%	≤36	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	93.5 %	51-150	
1,2-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	143 %	57-153	
			MSD	ug/L	10.00	140 %	57-153	
			MSRPD	ug/L	10.00	1.7%	≤26	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	93.9 %	63-137	
1,2-Dichloroethane (EDC)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	56-158	
			MSD	ug/L	10.00	109 %	56-158	
			MSRPD	ug/L	10.00	4.2%	≤24	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	101 %	68-132	
1,2-Dichloropropane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.5 %	55-152	
			MSD	ug/L	10.00	76.1 %	55-152	
			MSRPD	ug/L	10.00	1.8%	≤23	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	68.7 %	34-166	
1,3-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	142 %	53-159	
			MSD	ug/L	10.00	141 %	53-159	
			MSRPD	ug/L	10.00	1.0%	≤28	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	91.9 %	73-127	
1,4-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	141 %	53-161	
			MSD	ug/L	10.00	137 %	53-161	
			MSRPD	ug/L	10.00	2.8%	≤27	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	90.9 %	63-137	
2-Butanone (MEK)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<40	
			MS	ug/L	40.00	170 %	0-211	
			MSD	ug/L	40.00	161 %	0-211	
			MSRPD	ug/L	10.00	3.8	≤40	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	153 %	20-230	
2-Chloroethylvinyl ether	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<10	
			MS	ug/L	40.00	176 %	0-11	435
			MSD	ug/L	40.00	170 %	0-11	435
			MSRPD	ug/L	10.00	3.1%	≤3	435
	624	12/18/15:218636VRG	CCV	ug/L	40.00	152 %	0-224	
2-Hexanone	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	178 %	0-190	
			MSD	ug/L	40.00	171 %	0-190	
			MSRPD	ug/L	10.00	2.8	≤30	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	161 %	20-283	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 4-Bromofluorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	111 %	70-161	
			MS	ug/L	10.00	106 %	58-151	
MSD			ug/L	10.00	107 %	58-151		
MSRPD			ug/L	10.00	0.8%	≤14		
	624	12/18/15:218636VRG	CCV	ug/L	10.00	77.0 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	169 %	0-194	
			MSD	ug/L	40.00	162 %	0-194	
			MSRPD	ug/L	10.00	2.9	≤30	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	152 %	20-233	
Acetone	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<25	
			MS	ug/L	40.00	184 %	0-270	
			MSD	ug/L	40.00	167 %	0-270	
			MSRPD	ug/L	10.00	6.7	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	172 %	20-367	
Acrolein	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<5	
			MS	ug/L	20.00	440 %	0-171	435
			MSD	ug/L	20.00	423 %	0-171	435
			MSRPD	ug/L	10.00	3.4%	≤50	
	624	12/18/15:218636VRG	CCV	ug/L	100.0	124 %	20-209	
Acrylonitrile	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<2	
			MS	ug/L	20.00	997 %	0-244	435
			MSD	ug/L	20.00	918 %	0-244	435
			MSRPD	ug/L	10.00	8.2%	≤47	
	624	12/18/15:218636VRG	CCV	ug/L	100.0	217 %	20-278	
Benzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	65-155	
			MSD	ug/L	10.00	115 %	65-155	
			MSRPD	ug/L	10.00	1.3%	≤21	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	101 %	64-136	
Bromodichloromethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.6 %	62-150	
			MSD	ug/L	10.00	80.3 %	62-150	
			MSRPD	ug/L	10.00	3.8%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	74.3 %	65-135	
Bromoform	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	167 %	64-150	435
			MSD	ug/L	10.00	157 %	64-150	435
			MSRPD	ug/L	10.00	6.3%	≤16	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	115 %	71-129	
Bromomethane (Methyl Bromide)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	309 %	48-196	435
			MSD	ug/L	10.00	309 %	48-196	435
			MSRPD	ug/L	10.00	0.06%	≤24	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	299 %	14-186	360
Carbon Disulfide	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<5	
			MS	ug/L	40.00	248 %	0-230	435
			MSD	ug/L	40.00	242 %	0-230	435
			MSRPD	ug/L	10.00	2.4%	≤72	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	145 %	20-242	
Carbon Tetrachloride	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	151 %	69-206	
			MSD	ug/L	10.00	145 %	69-206	
			MSRPD	ug/L	10.00	3.7%	≤19	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Carbon Tetrachloride	624	12/18/15:218636VRG	CCV	ug/L	10.00	119 %	73-127	
Chlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.1 %	69-152	
			MSD	ug/L	10.00	83.3 %	69-152	
			MSRPD	ug/L	10.00	3.3%	≤24	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	74.8 %	66-134	
Chloroethane (Ethyl Chloride)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	237 %	53-214	435
			MSD	ug/L	10.00	229 %	53-214	435
			MSRPD	ug/L	10.00	3.6%	≤32	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	211 %	38-162	360
Chloroform	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	124 %	55-155	
			MSD	ug/L	10.00	116 %	55-155	
			MSRPD	ug/L	10.00	4.1%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	109 %	67-133	
Chloromethane(Methyl Chloride)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	190 %	33-202	
			MSD	ug/L	10.00	185 %	33-202	
			MSRPD	ug/L	10.00	2.2%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	191 %	0-204	
cis-1,3-Dichloropropene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.1 %	59-142	
			MSD	ug/L	10.00	91.7 %	59-142	
			MSRPD	ug/L	10.00	4.6%	≤23	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	87.3 %	24-176	
Dibromochloromethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.3 %	53-151	
			MSD	ug/L	10.00	89.8 %	53-151	
			MSRPD	ug/L	10.00	5.9%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	88.4 %	67-133	
Dichloromethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<2	
			MS	ug/L	10.00	114 %	24-207	
			MSD	ug/L	10.00	111 %	24-207	
			MSRPD	ug/L	10.00	3.1%	≤33	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	101 %	60-139	
Ethylbenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	123 %	45-194	
			MSD	ug/L	10.00	123 %	45-194	
			MSRPD	ug/L	10.00	0.2%	≤31	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	75.7 %	59-141	
Fluorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	92.3 %	72-139	
			MS	ug/L	10.00	96.6 %	90-121	
			MSD	ug/L	10.00	95.8 %	90-121	
			MSRPD	ug/L	10.00	0.9%	≤3	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	94.7 %	70-130	
Freon-11	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<2.0	
			MS	ug/L	10.00	295 %	57-259	435
			MSD	ug/L	10.00	288 %	57-259	435
			MSRPD	ug/L	10.00	2.3%	≤27	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	227 %	48-152	360
Methyl tert-Butyl Ether (MTBE)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<5	
			MS	ug/L	10.00	137 %	26-210	
			MSD	ug/L	10.00	134 %	26-210	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Methyl tert-Butyl Ether (MTBE)	624	12/18/15:214909VRG	MSRPD	ug/L	10.00	0.34	≤5	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	127 %	63-178	
Pentafluorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	99.2 % 100 % 99.0 % 1.1%	59-151 74-148 74-148 ≤10	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	99.0 %	70-130	
Styrene	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 129 % 127 % 1.5%	<0.5 6-195 6-195 ≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	79.1 %	67-158	
Tetrachloroethylene (PCE)	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 95.3 % 92.6 % 2.8%	<0.5 63-171 63-171 ≤26	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	78.6 %	73-127	
Toluene	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 82.7 % 80.2 % 3.0%	<0.5 65-160 65-160 ≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	75.7 %	74-126	
trans-1,2-Dichloroethylene	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 136 % 135 % 0.5%	<0.5 68-179 68-179 ≤51	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	112 %	69-131	
trans-1,3-Dichloropropene	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 83.5 % 78.8 % 5.7%	<0.5 55-148 55-148 ≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	78.2 %	50-150	
Trichloroethylene (TCE)	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 125 % 122 % 3.0%	<0.5 54-178 54-178 ≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	102 %	66-134	
Vinyl Acetate	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	40.00 40.00 40.00 10.00	ND 365 % 345 % 5.7%	<10 0-331 0-331 ≤44	435 435
	624	12/18/15:218636VRG	CCV	ug/L	40.00	283 %	20-393	
Vinyl Chloride	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 278 % 272 % 2.2%	<0.5 32-217 32-217 ≤26	435 435
	624	12/18/15:218636VRG	CCV	ug/L	10.00	233 %	4-196	360
Xylenes m,p	624	12/18/15:214909VRG (CC 1584155-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 10.00	ND 135 % 134 % 0.9%	<1.0 50-181 50-181 ≤30	
	624	12/18/15:218636VRG	CCV	ug/L	20.00	82.3 %	45-170	
Xylenes o	624	12/18/15:214909VRG	Blank MS	ug/L ug/L	10.00	ND 129 %	<0.5 38-182	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Xylenes o	624	(CC 1584155-001)	MSD	ug/L	10.00	128 %	38-182	
			MSRPD	ug/L	10.00	1.3%	≤29	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	80.0 %	63-163	
1,2,4-Trichlorobenzene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	35.9 %	21-90	
			BS	ug/L	20.00	34.4 %	21-90	
			BSD	ug/L	20.00	33.4 %	21-90	
			BSRPD	ug/L	20.00	3.1%	≤53	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	94.0 %	80-120	
1,2-Dichlorobenzene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	36.8 %	22-90	
			BS	ug/L	20.00	35.6 %	22-90	
			BSD	ug/L	20.00	34.2 %	22-90	
			BSRPD	ug/L	20.00	3.9%	≤51	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	98.4 %	80-120	
1,2-Diphenylhydrazine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.7 %	41-103	
			BS	ug/L	20.00	51.6 %	41-103	
			BSD	ug/L	20.00	50.3 %	41-103	
			BSRPD	ug/L	20.00	2.5%	≤26	
1,3-Dichlorobenzene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	33.2 %	22-86	
			BS	ug/L	20.00	31.8 %	22-86	
			BSD	ug/L	20.00	30.6 %	22-86	
			BSRPD	ug/L	20.00	3.7%	≤56	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	98.3 %	80-120	
1,4-Dichlorobenzene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	35.0 %	23-83	
			BS	ug/L	20.00	33.3 %	23-83	
			BSD	ug/L	20.00	32.2 %	23-83	
			BSRPD	ug/L	20.00	3.5%	≤57	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	99.5 %	80-120	
2,4,5-Trichlorophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	40.2 %	28-107	
			BS	ug/L	20.00	37.5 %	28-107	
			BSD	ug/L	20.00	42.6 %	28-107	
			BSRPD	ug/L	20.00	1.0	≤2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	105 %	70-130	
2,4,6-Tribromophenol	625	12/15/15:214555JOM/DT	Blank	ug/L	20.00	56.9 %	18-105	
			LCS	ug/L	20.00	78.0 %	18-105	
			BS	ug/L	20.00	71.2 %	18-105	
			BSD	ug/L	20.00	80.3 %	18-105	
			BSRPD	ug/L	20.00	11.9%	≤21	
	625	12/23/15:218835SBL	CCV	mg/L	20.00	101 %	80-120	
2,4,6-Trichlorophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	40.1 %	29-109	
			BS	ug/L	20.00	37.8 %	29-109	
			BSD	ug/L	20.00	42.3 %	29-109	
			BSRPD	ug/L	20.00	11.2%	≤31	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	106 %	80-120	
2,4-Dichlorophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	39.4 %	26-105	
			BS	ug/L	20.00	37.3 %	26-105	
			BSD	ug/L	20.00	41.5 %	26-105	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
2,4-Dichlorophenol	625	12/15/15:214555JOM/DT	BSRPD	ug/L	20.00	0.83	<2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120	
2,4-Dimethylphenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	34.2 %	28-77	
			BS	ug/L	20.00	33.9 %	28-77	
			BSD	ug/L	20.00	39.9 %	28-77	
	BSRPD	ug/L	20.00	1.2	<2			
625	12/23/15:218835SBL	CCV	mg/L	10.00	101 %	80-120		
2,4-Dinitrophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	36.4 %	27-74	
			BS	ug/L	20.00	33.1 %	27-74	
			BSD	ug/L	20.00	38.5 %	27-74	
	BSRPD	ug/L	20.00	1.1	<5			
625	12/23/15:218835SBL	CCV	mg/L	10.00	98.2 %	80-120		
2,4-Dinitrotoluene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	55.7 %	39-101	
			BS	ug/L	20.00	55.8 %	39-101	
			BSD	ug/L	20.00	54.8 %	39-101	
	BSRPD	ug/L	20.00	1.9%	<23			
625	12/23/15:218835SBL	CCV	mg/L	10.00	104 %	80-120		
2,6-Dinitrotoluene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	51.6 %	12-159	
			BS	ug/L	20.00	52.3 %	12-159	
			BSD	ug/L	20.00	51.4 %	12-159	
	BSRPD	ug/L	20.00	1.7%	<20			
625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120		
2-Chlorophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	37.2 %	27-101	
			BS	ug/L	20.00	35.4 %	27-101	
			BSD	ug/L	20.00	38.2 %	27-101	
	BSRPD	ug/L	20.00	0.54	<2			
625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120		
2-Fluorobiphenyl	625	12/15/15:214555JOM/DT	Blank	ug/L	10.00	76.1 %	15-91	
			LCS	ug/L	10.00	83.5 %	15-91	
			BS	ug/L	10.00	85.2 %	15-91	
			BSD	ug/L	10.00	82.8 %	15-91	
	BSRPD	ug/L	20.00	2.8%	<36			
625	12/23/15:218835SBL	CCV	mg/L	10.00	95.0 %	80-120		
2-Fluorophenol	625	12/15/15:214555JOM/DT	Blank	ug/L	20.00	62.1 %	12-86	
			LCS	ug/L	20.00	62.8 %	12-86	
			BS	ug/L	20.00	58.7 %	12-86	
			BSD	ug/L	20.00	65.2 %	12-86	
	BSRPD	ug/L	20.00	10.5%	<53			
625	12/23/15:218835SBL	CCV	mg/L	20.00	98.2 %	80-120		
2-Nitrophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	39.9 %	28-104	
			BS	ug/L	20.00	37.8 %	28-104	
			BSD	ug/L	20.00	41.8 %	28-104	
	BSRPD	ug/L	20.00	0.80	<2			
625	12/23/15:218835SBL	CCV	mg/L	10.00	105 %	80-120		
3,3-Dichlorobenzidine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	108 %	0-106	310
			BS	ug/L	20.00	109 %	0-106	436
			BSD	ug/L	20.00	104 %	0-106	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
3,3-Dichlorobenzidine	625	12/15/15:214555JOM/DT	BSRPD	ug/L	20.00	4.5%	≤19	
	625	12/23/15:218835SBL	CCV	mg/L	20.00	120 %	80-120	
4,6-Dinitro-2-methylphenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	41.3 %	31-89	
			BS	ug/L	20.00	39.0 %	31-89	
			BSD	ug/L	20.00	44.3 %	31-89	
			BSRPD	ug/L	20.00	12.8%	≤36	
4,6-Dinitro-o-cresol	625	12/23/15:218835SBL	CCV	mg/L	10.00	100 %	80-120	
4-Bromophenylphenylether	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	48.5 %	37-94	
			BS	ug/L	20.00	50.6 %	37-94	
			BSD	ug/L	20.00	48.6 %	37-94	
			BSRPD	ug/L	20.00	4.0%	≤23	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	96.2 %	80-120	
4-Nitrophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	34.7 %	5-113	
			BS	ug/L	20.00	31.2 %	5-113	
			BSD	ug/L	20.00	40.5 %	5-113	
			BSRPD	ug/L	20.00	1.9	≤2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	107 %	80-120	
Acenaphthene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.6 %	31-95	
			BS	ug/L	20.00	49.1 %	31-95	
			BSD	ug/L	20.00	47.4 %	31-95	
			BSRPD	ug/L	20.00	3.5%	≤38	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	101 %	80-120	
Acenaphthylene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.1 %	27-92	
			BS	ug/L	20.00	52.0 %	27-92	
			BSD	ug/L	20.00	50.2 %	27-92	
			BSRPD	ug/L	20.00	3.5%	≤37	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	106 %	80-120	
Anthracene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	51.2 %	32-98	
			BS	ug/L	20.00	53.2 %	32-98	
			BSD	ug/L	20.00	51.8 %	32-98	
			BSRPD	ug/L	20.00	2.6%	≤18	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	105 %	80-120	
Azobenzene	625	12/23/15:218835SBL	CCV	mg/L	10.00	101 %	80-120	
Benzidine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	7.2 %	0-25	
			BS	ug/L	20.00	8.1 %	0-25	
			BSD	ug/L	20.00	0.0 %	0-25	
			BSRPD	ug/L	20.00	1.6	≤2	
	625	12/23/15:218835SBL	CCV	mg/L	20.00	136 %	70-130	360
Benzo(a)anthracene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	52.3 %	39-107	
			BS	ug/L	20.00	53.2 %	39-107	
			BSD	ug/L	20.00	52.9 %	39-107	
			BSRPD	ug/L	20.00	0.6%	≤27	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	98.1 %	80-120	
Benzo(a)pyrene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	49.4 %	44-86	
			BS	ug/L	20.00	51.1 %	44-86	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Benzo(a)pyrene	625	12/15/15:214555JOM/DT	BSD	ug/L	20.00	50.2 %	44-86	
			BSRPD	ug/L	20.00	1.9%	<22	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120	
Benzo(b)fluoranthene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	51.9 %	33-108	
			BS	ug/L	20.00	55.4 %	33-108	
			BSD	ug/L	20.00	52.7 %	33-108	
			BSRPD	ug/L	20.00	5.0%	<24	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	93.1 %	80-120	
Benzo(g,h,i)perylene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	53.8 %	0-160	
			BS	ug/L	20.00	58.8 %	0-160	
			BSD	ug/L	20.00	52.1 %	0-160	
			BSRPD	ug/L	20.00	12.0%	<24	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	119 %	80-120	
Benzo(k)fluoranthene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	54.2 %	34-107	
			BS	ug/L	20.00	52.0 %	34-107	
			BSD	ug/L	20.00	55.1 %	34-107	
			BSRPD	ug/L	20.00	5.9%	<34	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120	
bis(2-Chloroethoxy)methane	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.3 %	30-103	
			BS	ug/L	20.00	48.5 %	30-103	
			BSD	ug/L	20.00	47.0 %	30-103	
			BSRPD	ug/L	20.00	3.1%	<36	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	99.3 %	80-120	
bis(2-Chloroethyl)ether	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	44.6 %	0-279	
			BS	ug/L	20.00	46.5 %	0-279	
			BSD	ug/L	20.00	43.8 %	0-279	
			BSRPD	ug/L	20.00	6.1%	<66	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120	
bis(2-Chloroisopropyl)ether	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.6 %	27-118	
			BS	ug/L	20.00	49.4 %	27-118	
			BSD	ug/L	20.00	46.8 %	27-118	
			BSRPD	ug/L	20.00	5.5%	<40	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	100 %	80-120	
bis(2-Ethylhexyl)phthalate	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	54.6 %	46-118	
			BS	ug/L	20.00	50.9 %	46-118	
			BSD	ug/L	20.00	49.9 %	46-118	
			BSRPD	ug/L	20.00	2.0%	<7	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	90.1 %	80-120	
Butylbenzylphthalate	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	49.7 %	28-89	
			BS	ug/L	20.00	50.0 %	28-89	
			BSD	ug/L	20.00	48.6 %	28-89	
			BSRPD	ug/L	20.00	0.28	<2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	91.5 %	80-120	
Chloronaphthalene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	45.4 %	29-100	
			BS	ug/L	20.00	47.3 %	29-100	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Chloronaphthalene	625	12/15/15:214555JOM/DT	BSD	ug/L	20.00	45.5 %	29-100	
			BSRPD	ug/L	20.00	3.8 %	≤41	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120	
Chlorophenylphenylether	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	49.9 %	35-96	
			BS	ug/L	20.00	51.8 %	35-96	
			BSD	ug/L	20.00	50.6 %	35-96	
			BSRPD	ug/L	20.00	2.3 %	≤29	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120	
Chrysene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.5 %	37-99	
			BS	ug/L	20.00	51.8 %	37-99	
			BSD	ug/L	20.00	50.9 %	37-99	
			BSRPD	ug/L	20.00	1.7 %	≤16	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	96.7 %	80-120	
Dibenzo(a,h)anthracene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	55.4 %	36-105	
			BS	ug/L	20.00	59.1 %	36-105	
			BSD	ug/L	20.00	52.4 %	36-105	
			BSRPD	ug/L	20.00	12.0 %	≤27	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	119 %	80-120	
Diethylphthalate	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	38.0 %	31-82	
			BS	ug/L	20.00	38.4 %	31-82	
			BSD	ug/L	20.00	36.0 %	31-82	
			BSRPD	ug/L	20.00	6.4 %	≤19	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	104 %	80-120	
Dimethylphthalate	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	24.0 %	22-67	
			BS	ug/L	20.00	25.0 %	22-67	
			BSD	ug/L	20.00	21.8 %	22-67	
			BSRPD	ug/L	20.00	0.65	≤1	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120	
Di-n-butylphthalate	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	51.3 %	44-89	
			BS	ug/L	20.00	53.1 %	44-89	
			BSD	ug/L	20.00	51.4 %	44-89	
			BSRPD	ug/L	20.00	3.3 %	≤1	410
	625	12/23/15:218835SBL	CCV	mg/L	10.00	106 %	80-120	
Di-n-octylphthalate	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	54.0 %	50-118	
			BS	ug/L	20.00	50.3 %	50-118	
			BSD	ug/L	20.00	50.6 %	50-118	
			BSRPD	ug/L	20.00	0.6 %	≤20	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	85.7 %	80-120	
Fluoranthene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	55.4 %	46-98	
			BS	ug/L	20.00	56.1 %	46-98	
			BSD	ug/L	20.00	55.7 %	46-98	
			BSRPD	ug/L	20.00	0.7 %	≤19	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	110 %	80-120	
Fluorene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.0 %	34-101	
			BS	ug/L	20.00	51.3 %	34-101	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Fluorene	625	12/15/15:214555JOM/DT	BSD	ug/L	20.00	50.2 %	34-101	
			BSRPD	ug/L	20.00	2.1%	≤31	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	104 %	80-120	
Hexachlorobenzene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.5 %	32-91	
			BS	ug/L	20.00	49.0 %	32-91	
			BSD	ug/L	20.00	47.2 %	32-91	
			BSRPD	ug/L	20.00	3.7%	≤26	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	93.0 %	80-120	
Hexachlorobutadiene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	20.3 %	18-84	
			BS	ug/L	20.00	24.9 %	18-84	
			BSD	ug/L	20.00	22.6 %	18-84	
			BSRPD	ug/L	20.00	0.44	≤1	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	92.1 %	80-120	
Hexachlorocyclopentadiene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	16.4 %	2-60	
			BS	ug/L	20.00	22.8 %	2-60	
			BSD	ug/L	20.00	18.4 %	2-60	
			BSRPD	ug/L	20.00	0.87	≤1	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120	
Hexachloroethane	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	23.2 %	20-84	
			BS	ug/L	20.00	22.9 %	20-84	
			BSD	ug/L	20.00	22.3 %	20-84	
			BSRPD	ug/L	20.00	0.13	≤1	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	96.2 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	53.3 %	32-103	
			BS	ug/L	20.00	57.5 %	32-103	
			BSD	ug/L	20.00	51.7 %	32-103	
			BSRPD	ug/L	20.00	10.6%	≤25	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	116 %	80-120	
Isophorone	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	46.2 %	29-91	
			BS	ug/L	20.00	46.8 %	29-91	
			BSD	ug/L	20.00	46.1 %	29-91	
			BSRPD	ug/L	20.00	1.7%	≤32	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	96.2 %	80-120	
Naphthalene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	45.5 %	29-98	
			BS	ug/L	20.00	44.9 %	29-98	
			BSD	ug/L	20.00	44.1 %	29-98	
			BSRPD	ug/L	20.00	1.9%	≤47	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120	
Nitrobenzene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	44.4 %	43-83	
			BS	ug/L	20.00	46.2 %	43-83	
			BSD	ug/L	20.00	44.9 %	43-83	
			BSRPD	ug/L	20.00	2.9%	≤49	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	97.3 %	80-120	
Nitrobenzene-d5	625	12/15/15:214555JOM/DT	Blank	ug/L	10.00	75.2 %	9-95	
			LCS	ug/L	10.00	80.8 %	9-95	
			BS	ug/L	10.00	83.3 %	9-95	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Nitrobenzene-d5	625	12/15/15:214555JOM/DT	BSD	ug/L	10.00	81.0 %	9-95	
			BSRPD	ug/L	20.00	2.7%	≤47	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	94.3 %	80-120	
N-Nitrosodimethylamine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	38.5 %	12-110	
			BS	ug/L	20.00	39.3 %	12-110	
			BSD	ug/L	20.00	39.0 %	12-110	
			BSRPD	ug/L	20.00	0.068	≤2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	96.9 %	80-120	
N-Nitrosodi-N-propylamine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	45.8 %	29-106	
			BS	ug/L	20.00	48.8 %	29-106	
			BSD	ug/L	20.00	46.2 %	29-106	
			BSRPD	ug/L	20.00	5.4%	≤32	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	99.7 %	80-120	
N-Nitrosodiphenylamine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	54.6 %	39-109	
			BS	ug/L	20.00	55.7 %	39-109	
			BSD	ug/L	20.00	53.1 %	39-109	
			BSRPD	ug/L	20.00	4.9%	≤18	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	103 %	80-120	
p-Chloro-m-cresol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	42.6 %	32-105	
			BS	ug/L	20.00	40.0 %	32-105	
			BSD	ug/L	20.00	45.1 %	32-105	
			BSRPD	ug/L	20.00	1.0	≤2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	107 %	80-120	
Pentachlorophenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	38.0 %	19-109	
			BS	ug/L	20.00	35.3 %	19-109	
			BSD	ug/L	20.00	42.6 %	19-109	
			BSRPD	ug/L	20.00	1.4	≤2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	101 %	80-120	
Phenanthrene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	51.7 %	41-101	
			BS	ug/L	20.00	53.2 %	41-101	
			BSD	ug/L	20.00	51.8 %	41-101	
			BSRPD	ug/L	20.00	2.6%	≤18	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120	
Phenol	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	33.9 %	23-104	
			BS	ug/L	20.00	31.7 %	23-104	
			BSD	ug/L	20.00	36.6 %	23-104	
			BSRPD	ug/L	20.00	14.2%	≤47	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	108 %	80-120	
Phenol-d6	625	12/15/15:214555JOM/DT	Blank	ug/L	20.00	63.9 %	7-77	
			LCS	ug/L	20.00	62.0 %	7-77	
			BS	ug/L	20.00	56.8 %	7-77	
			BSD	ug/L	20.00	66.0 %	7-77	
			BSRPD	ug/L	20.00	15.0%	≤50	
	625	12/23/15:218835SBL	CCV	mg/L	20.00	115 %	80-120	
p-Terphenyl-d14	625	12/15/15:214555JOM/DT	Blank	ug/L	10.00	87.4 %	37-100	
			LCS	ug/L	10.00	88.6 %	37-100	
			BS	ug/L	10.00	85.6 %	37-100	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic p-Terphenyl-d14	625	12/15/15:214555JOM/DT	BSD	ug/L	10.00	85.5 %	37-100	
			BSRPD	ug/L	20.00	0.1 %	≤18	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	84.0 %	80-120	
Pyrene	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.8 %	44-106	
			BS	ug/L	20.00	49.6 %	44-106	
			BSD	ug/L	20.00	48.8 %	44-106	
			BSRPD	ug/L	20.00	1.8 %	≤18	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	87.1 %	80-120	
Pyridine	625	12/15/15:214555JOM/DT	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	26.2 %	0-52	
			BS	ug/L	20.00	27.6 %	0-52	
			BSD	ug/L	20.00	23.8 %	0-52	
			BSRPD	ug/L	20.00	0.75	≤10	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	107 %	80-120	
2,4'-DDD	625P	12/23/15:218831SG	CCV	ug/L	100.0	103 %	70-130	
2,4'-DDE	625P	12/23/15:218831SG	CCV	ug/L	100.0	93.0 %	70-130	
2,4'-DDT	625P	12/23/15:218831SG	CCV	ug/L	100.0	95.1 %	70-130	
Aldrin	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	39.4 %	0-131	
			MS	ug/L	0.1000	54.1 %	4-108	
			MSD	ug/L	0.1000	14.1 %	4-108	
			MSRPD	ug/L	0.1000	117 %	≤25	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	84.6 %	70-130	
Alpha BHC	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	53.3 %	9-125	
			MS	ug/L	0.1000	39.7 %	17-100	
			MSD	ug/L	0.1000	37.4 %	17-100	
			MSRPD	ug/L	0.1000	5.9 %	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	78.5 %	70-130	
alpha-Chlordane	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	48.3 %	14-126	
			MS	ug/L	0.1000	12.6 %	0-135	
			MSD	ug/L	0.1000	6.6 %	0-135	
			MSRPD	ug/L	0.1000	0.0059	≤0.005	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	76.7 %	70-130	
Beta BHC	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	51.6 %	13-125	
			MS	ug/L	0.1000	63.7 %	16-123	
			MSD	ug/L	0.1000	0.0 %	16-123	435
			MSRPD	ug/L	0.1000	200 %	≤25	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	73.3 %	70-130	
cis_Nonachlor	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	68.9 %	10-138	
			MS	ug/L	0.1000	11.0 %	0-120	
			MSD	ug/L	0.1000	32.4 %	0-120	
			MSRPD	ug/L	0.1000	0.021	≤0.005	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	94.2 %	70-130	
Delta BHC	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	59.7 %	0-122	
			MS	ug/L	0.1000	28.6 %	0-112	
			MSD	ug/L	0.1000	31.0 %	0-112	
			MSRPD	ug/L	0.1000	8.0 %	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	77.9 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Dieldrin	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	64.1 %	19-120	
			MS	ug/L	0.1000	22.3 %	0-121	
			MSD	ug/L	0.1000	0.0 %	0-121	
			MSRPD	ug/L	0.1000	0.022	≤0.005	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	81.1 %	70-130	
Endosulfan I	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	58.4 %	18-129	
			MS	ug/L	0.1000	36.6 %	0-154	
			MSD	ug/L	0.1000	97.9 %	0-154	
			MSRPD	ug/L	0.1000	91.3%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	98.1 %	70-130	
Endosulfan II	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	69.1 %	22-128	
			MS	ug/L	0.1000	44.3 %	0-149	
			MSD	ug/L	0.1000	114 %	0-149	
			MSRPD	ug/L	0.1000	88.1%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	94.8 %	70-130	
Endosulfan Sulfate	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	58.3 %	32-106	
			MS	ug/L	0.1000	115 %	4-140	
			MSD	ug/L	0.1000	57.7 %	4-140	
			MSRPD	ug/L	0.1000	66.4%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	73.8 %	70-130	
Endrin	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	64.5 %	0-130	
			MS	ug/L	0.1000	8.8 %	7-101	
			MSD	ug/L	0.1000	0.0 %	7-101	
			MSRPD	ug/L	0.1000	0.0088	≤0.005	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	109 %	70-130	
Endrin Aldehyde	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	49.9 %	16-135	
			MS	ug/L	0.1000	2.7 %	0-148	
			MSD	ug/L	0.1000	5.2 %	0-148	
			MSRPD	ug/L	0.1000	0.0024	≤0.005	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	71.1 %	70-130	
Endrin Ketone	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	51.9 %	25-121	
			MS	ug/L	0.1000	45.9 %	21-111	
			MSD	ug/L	0.1000	84.3 %	21-111	
			MSRPD	ug/L	0.1000	59.0%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	74.7 %	70-130	
gamma-Chlordane	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	59.6 %	20-123	
			MS	ug/L	0.1000	20.6 %	1-116	
			MSD	ug/L	0.1000	22.9 %	1-116	
			MSRPD	ug/L	0.1000	0.0023	≤0.005	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	88.3 %	70-130	
Heptachlor	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	50.2 %	19-119	
			MS	ug/L	0.1000	32.1 %	13-100	
			MSD	ug/L	0.1000	58.8 %	13-100	
			MSRPD	ug/L	0.1000	58.7%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	89.7 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Heptachlor Epoxide	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	74.2 %	18-131	
			MS	ug/L	0.1000	49.2 %	0-127	
			MSD	ug/L	0.1000	14.4 %	0-127	
			MSRPD	ug/L	0.1000	110%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	89.7 %	70-130	
Lindane	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	107 %	22-181	
			MS	ug/L	0.1000	67.7 %	0-234	
			MSD	ug/L	0.1000	95.0 %	0-234	
			MSRPD	ug/L	0.1000	33.5%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	113 %	70-130	
Methoxychlor	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	78.3 %	26-113	
			MS	ug/L	0.1000	55.0 %	2-107	
			MSD	ug/L	0.1000	53.4 %	2-107	
			MSRPD	ug/L	0.1000	3.0%	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	93.9 %	70-130	
o,p - DDD	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	80.3 %	15-136	
			MS	ug/L	0.1000	34.4 %	12-118	
			MSD	ug/L	0.1000	61.9 %	12-118	
			MSRPD	ug/L	0.1000	57.1%	≤25	
o,p - DDE	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	67.2 %	23-124	
			MS	ug/L	0.1000	14.8 %	0-108	
			MSD	ug/L	0.1000	31.1 %	0-108	
			MSRPD	ug/L	0.1000	0.016	≤0.005	
o,p - DDT	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	48.5 %	27-131	
			MS	ug/L	0.1000	0.0 %	0-124	
			MSD	ug/L	0.1000	7.0 %	0-124	
			MSRPD	ug/L	0.1000	0.0070	≤0.005	
p,p - DDD	625P	12/23/15:218831SG	CCV	ug/L	100.0	91.6 %	70-130	
p,p - DDE	625P	12/23/15:218831SG	CCV	ug/L	100.0	99.3 %	70-130	
p,p - DDT	625P	12/23/15:218831SG	CCV	ug/L	100.0	80.2 %	70-130	
p,p`-DDD	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	65.7 %	0-177	
			MS	ug/L	0.1000	0.0 %	17-107	
			MSD	ug/L	0.1000	38.7 %	17-107	
			MSRPD	ug/L	0.1000	0.039	≤0.005	
p,p`-DDE	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	73.5 %	23-126	
			MS	ug/L	0.1000	38.9 %	2-107	
			MSD	ug/L	0.1000	53.8 %	2-107	
			MSRPD	ug/L	0.1000	32.0%	≤25	
p,p`-DDT	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	62.4 %	32-108	
			MS	ug/L	0.1000	39.1 %	0-128	
			MSD	ug/L	0.1000	39.1 %	0-128	
			MSRPD	ug/L	0.1000	0.02%	≤25	
Tetrachloro-m-xylene	625P	12/17/15:214645SG	Blank	ug/L	0.1000	50.0 %	26-90	
			LCS	ug/L	0.1000	52.8 %	26-90	
			MS	ug/L	0.1000	43.4 %	26-90	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Tetrachloro-m-xylene	625P	(VI 1544885-001)	MSD	ug/L	0.1000	37.1 %	26-90	
			MSRPD	ug/L	0.1000	15.6 %	≤25	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	82.1 %	70-130	
trans-Nonachlor	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	56.1 %	9-139	
			MS	ug/L	0.1000	20.1 %	0-120	
			MSD	ug/L	0.1000	23.9 %	0-120	
			(VI 1544885-001)	MSRPD	ug/L	0.1000	0.0038	≤0.005
	625P	12/23/15:218831SG	CCV	ug/L	100.0	90.1 %	70-130	
<b>Definition</b>								
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 analyte. 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.							
<¼	: High Sample Background - Spike concentration was less than one fourth of the sample concentration.							
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.							
<b>Explanation</b>								
310	: LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.							
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.							

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Boron	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<0.10	
			LCS	mg/L	4.000	90.8 %	85-115	
			MS	mg/L	4.000	51.3 %	75-125	435
			MSD	mg/L	4.000	53.5 %	75-125	435
			MSRPD	mg/L	4.000	2.4%	≤20.0	
Calcium	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	93.5 %	85-115	
			MS	mg/L	12.00	-5630 %	<¼	
			MSD	mg/L	12.00	-5650 %	<¼	
			MSRPD	mg/L	4.000	3.0%	≤20.0	
Copper	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	92.3 %	85-115	
			MS	mg/L	0.8000	92.7 %	75-125	
			MSD	mg/L	0.8000	96.7 %	75-125	
			MSRPD	mg/L	4.000	4.1%	≤20.0	
Iron	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		0.000002	0.03	
			LCS	mg/L	4.000	104 %	85-115	435
			MS	mg/L	4.000	131 %	75-125	435
			MSD	mg/L	4.000	139 %	75-125	
			MSRPD	mg/L	4.000	5.5%	≤20	
Magnesium	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	91.7 %	85-115	
			MS	mg/L	12.00	-1860 %	<¼	
			MSD	mg/L	12.00	-1860 %	<¼	
			MSRPD	mg/L	4.000	1.7%	≤20	
Manganese	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	93.7 %	85-115	435
			MS	mg/L	0.8000	57.0 %	75-125	435
			MSD	mg/L	0.8000	60.0 %	75-125	
			MSRPD	mg/L	4.000	2.6%	≤20.0	
Potassium	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.7 %	85-115	
			MS	mg/L	12.00	-906 %	<¼	
			MSD	mg/L	12.00	-904 %	<¼	
			MSRPD	mg/L	4.000	1.5%	≤20.0	
Sodium	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	91.3 %	85-115	
			MS	mg/L	12.00	-11200 %	<¼	
			MSD	mg/L	12.00	-11300 %	<¼	
			MSRPD	mg/L	4.000	3.4%	≤20.0	
Zinc	200.1	12/22/15:214835amb  (SP 1513602-003)	Blank	mg/L		ND	<0.02	
			LCS	mg/L	0.8000	89.5 %	85-115	435
			MS	mg/L	0.8000	303 %	75-125	435
			MSD	mg/L	0.8000	309 %	75-125	
			MSRPD	mg/L	4.000	2.1%	≤20	
Aluminum	200.7	12/21/15:218581AC	CCV	ppm	5.000	97.5 %	90-110	
			CCB	ppm		-0.007	0.1	
			CCV	ppm	5.000	99.8 %	90-110	
			CCB	ppm		-0.001	0.1	
Boron	200.7	12/27/15:218724AC	CCV	ppm	5.000	95.1 %	90-110	
			CCB	ppm		0.008	0.1	
			CCV	ppm	5.000	94.3 %	90-110	
			CCB	ppm		0.005	0.1	
Calcium	200.7	12/27/15:218724AC	CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.01	1	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Calcium	200.7	12/27/15:218724AC	CCV CCB	ppm ppm	25.00	101 % 0.02	90-110 1	
Copper	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	1.000 1.000	97.7 % 0.0013 96.6 % 0.0012	90-110 0.01 90-110 0.01	
Iron	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	5.000 5.000	99.6 % 0.0032 100 % 0.0031	90-110 0.03 90-110 0.03	
Magnesium	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	99.4 % 0.02 99.0 % 0.02	90-110 1 90-110 1	
Manganese	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	1.000 1.000	100 % 0.0006 99.6 % 0.0005	90-110 0.01 90-110 0.01	
Potassium	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	96.7 % -0.21 97.3 % -0.1	90-110 1 90-110 1	
Sodium	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	98.8 % 0.06 98.8 % 0.06	90-110 1 90-110 1	
Zinc	200.7	12/27/15:218724AC	CCV CCB CCV CCB	ppm ppm ppm ppm	1.000 1.000	100 % 0.0025 101 % 0.0024	90-110 0.02 90-110 0.02	
Aluminum	200.8	01/07/16:200223AC	CCV CCB CCV CCB	ppb ppb ppb ppb	120.0 120.0	94.0 % 0.1 91.6 % 0.2	90-110 10 90-110 10	
Antimony	200.8	01/07/16:200223AC	ICV ICB CCV CCB	ppb ppb ppb ppb	120.0 120.0	90.4 % 0.71 90.9 % 0.41	90-110 1 90-110 1	
Arsenic	200.8	01/07/16:200223AC	ICV ICB CCV CCB	ppb ppb ppb ppb	120.0 120.0	97.8 % 0.04 101 % 0.05	90-110 2 90-110 2	
Barium	200.8	01/07/16:200223AC	ICV ICB CCV CCB	ppb ppb ppb ppb	120.0 120.0	101 % 0.03 102 % 0.02	90-110 1 90-110 1	
Beryllium	200.8	01/07/16:200223AC	ICV ICB CCV CCB	ppb ppb ppb ppb	120.0 120.0	95.0 % 0.047 99.3 % 0.009	90-110 0.2 90-110 0.2	
Cadmium	200.8	01/07/16:200223AC	ICV ICB CCV CCB	ppb ppb ppb ppb	120.0 120.0	103 % 0.028 104 % 0.007	90-110 0.2 90-110 0.2	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Chromium	200.8	01/07/16:200223AC	ICV	ppb	120.0	97.1 %	90-110	
			ICB	ppb		0.01	1	
			CCV	ppb	120.0	97.2 %	90-110	
			CCB	ppb		-0.01	1	
Copper	200.8	01/07/16:200223AC	ICV	ppb	120.0	96.6 %	90-110	
			ICB	ppb		0.020	0.5	
			CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		-0.005	0.5	
Lead	200.8	01/07/16:200223AC	ICV	ppb	120.0	99.6 %	90-110	
			ICB	ppb		0.011	0.5	
			CCV	ppb	120.0	99.6 %	90-110	
			CCB	ppb		0.011	0.5	
Nickel	200.8	01/07/16:200223AC	ICV	ppb	120.0	97.2 %	90-110	
			ICB	ppb		0.04	1	
			CCV	ppb	120.0	98.0 %	90-110	
			CCB	ppb		-0.003	1	
Selenium	200.8	01/07/16:200223AC	ICV	ppb	120.0	100 %	90-110	
			ICB	ppb		0.02	1	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.10	1	
Silver	200.8	01/07/16:200223AC	ICV	ppb	120.0	96.8 %	90-110	
			ICB	ppb		0.03	1	
			CCV	ppb	120.0	96.9 %	90-110	
			CCB	ppb		0.01	1	
Thallium	200.8	01/07/16:200223AC	ICV	ppb	120.0	97.6 %	90-110	
			ICB	ppb		0.048	0.2	
			CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		0.007	0.2	
Mercury	245.1	12/21/15:218521AC	CCV	ppt	200.0	101 %	90-110	
			CCB	ppt		-2.5	20	
			CCV	ppt	200.0	101 %	90-110	
			CCB	ppt		-2.5	20	
Aluminum	3010	01/05/16:200072amb  (VI 1544888-001)	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	98.6 %	85-115	
			MS	ug/L	40.00	624 %	<¼	
			MSD	ug/L	40.00	671 %	<¼	
			MSRPD	ug/L	40.00	3.5 %	≤20.0	
			PDS	ug/L	40.00	671 %	75-125	430
	3010	12/16/15:214578AMB  (CC 1584121-001)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	4.000	98.7 %	85-115	
			MS	mg/L	4.000	100 %	75-125	
			MSD	mg/L	4.000	98.1 %	75-125	
Antimony	3010	01/05/16:200072amb  (VI 1544888-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	95.5 %	85-115	
			MS	ug/L	40.00	3.8 %	75-125	435
			MSD	ug/L	40.00	0.9 %	75-125	435
			MSRPD	ug/L	40.00	1.2	≤1	435
			PDS	ug/L	40.00	0.2 %	75-125	430
Arsenic	3010	01/05/16:200072amb  (VI 1544888-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	88.2 %	85-115	
			MS	ug/L	40.00	0.5 %	75-125	435
			MSD	ug/L	40.00	0.3 %	75-125	435

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Arsenic	3010	01/05/16:200072amb	MSRPD PDS	ug/L ug/L	40.00 40.00	0.095 0.3 %	≤2 75-125	430
Barium	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 104 % 0.0 % -0.3 % 0.3 % 0.3 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	 435 435  430
Beryllium	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 87.7 % 0.4 % 0.3 % 0.060 0.005 %	<0.2 85-115 75-125 75-125 ≤0.2 75-125	 435 435  430
Cadmium	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 95.2 % 0.5 % 0.3 % 0.060 0.1 %	<0.2 85-115 75-125 75-125 ≤0.2 75-125	 435 435  430
Chromium	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 98.7 % 0.2 % 0.2 % 0.0050 -0.04 %	<1 85-115 75-125 75-125 ≤1 75-125	 435 435  430
Copper	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 98.6 % 2.7 % 3.6 % 1.8 % 4.0 %	<1 85-115 75-125 75-125 ≤20.0 75-125	 435 435  430
Lead	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 104 % 1.1 % 0.9 % 0.060 0.7 %	<0.2 85-115 75-125 75-125 ≤0.2 75-125	 435 435  430
Nickel	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 100 % -0.1 % -0.05 % 0.035 -0.4 %	<1 85-115 75-125 75-125 ≤1 75-125	 435 435  430
Selenium	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00 40.00	ND 80.5 % -0.6 % -0.3 % 0.14 0.07 %	<2 80-120 75-125 75-125 ≤2 75-125	 435 435  430
Silver	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD	ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00	ND 97.5 % 0.4 % 0.1 %	<1 85-115 75-125 75-125	 435 435 435

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Silver	3010	01/05/16:200072amb	MSRPD PDS	ug/L ug/L	40.00 40.00	0.11 0.07 %	≤1 75-125	430
Thallium	3010	01/05/16:200072amb  (VI 1544888-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00	ND 101 % 0.5 % 0.3 % 0.085 0.04 %	<0.2 85-115 75-125 75-125 75-125	435 435 430
Mercury	7470	12/21/15:214779amb  (CC 1584155-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	0.2000 0.2000 0.2000 0.2000	ND 100 % 87.2 % 86.7 % 0.5 %	<0.02 85-115 75-125 75-125 ≤20	
<b>Wet Chem</b>								
Oil and Grease	1664	01/06/16:200141AMM	Blank LCS BS BSD BSRPD	mg/L mg/L mg/L mg/L mg/L	44.89 44.89 44.89 44.89	ND 97.9 % 99.3 % 89.0 % 10.9 %	<3 78-114 78-114 78-114 ≤18	
Color	2120B 2120B	(SP 1514003-001) 12/15/15:218362jmg	Dup CCB CCV	units units units		0.0 0.00 100 %	5 5.0 90-110	
Turbidity	2130B 2130B	(SP 1513908-001) 12/15/15:218391jba	Dup CCV CCB CCV CCB	NTU NTU NTU NTU NTU		0.6 % 100 % 0.089 100 % 0.087	20 90-110 0.1 90-110 0.1	
Odor	2150B 2150B	(SP 1514000-001) (SP 1514003-001)	Dup Dup	TON TON		0.0 0.0	1 1	
Chromium VI	218.6       218.6	12/17/15:214845MCA  (SP 1513926-001)  (SP 1514000-007)  12/17/15:218542MCA	Blank LCS MS MSD MSRPD MS MSD MSRPD ICB ICV CCB CCV CCB CCV CCB CCV	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ppb ppb ppb ppb ppb ppb ppb ppb	2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 5.000 5.000 5.000 5.000 5.000 5.000	ND 95.8 % 100 % 98.6 % 0.034 112 % 95.6 % 0.33 0.000 97.6 % 0.000 97.0 % 0.000 95.9 % 0.000 96.2 %	<0.5 90-110 75-125 75-125 ≤0.5 75-125 75-125 ≤0.5 0.5 95-105 0.5 95-105 0.5 95-105 0.5 95-105	
Alkalinity (as CaCO3)	2320B 2320B	(CC 1584142-001) 12/16/15:218190AMB	Dup CCV CCV	mg/L mg/L mg/L		19.2 % 95.2 % 89.7 %	3.42 90-110 90-110	440
Bicarbonate	2320B	(CC 1584142-001)	Dup	mg/L		19.2 %	4.78	440
Carbonate	2320B	(CC 1584142-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(CC 1584142-001)	Dup	mg/L		0.0	10	
Conductivity	2510B	12/17/15:218218JMG	ICB ICV CCV	umhos/cm umhos/cm umhos/cm	998.0 998.0 998.0	0.07 102 % 101 %	1 95-105 95-105	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
Wet Chem E. C.	2510B	12/16/15:214580jmg (CC 1584123-007)	Blank	umhos/cm		ND	<1		
			Dup	umhos/cm		0.07%	5		
Total Dissolved Solids (TFR)	2540CE	12/17/15:214637CTL (SP 1513907-001)	Blank LCS Dup	mg/L mg/L mg/L	997.3	4.7 98.9 % 0.8%	20 90-110 5		
Solids, Suspended	2540D	12/16/15:214576jba (SP 1513883-001)	Blank	mg/L		ND	<1		
			LCS	mg/L	50.11	87.8 %	38-138		
			LCS	mg/L	50.11	80.8 %	38-138		
			Dup	mg/L		2.7%	28.7		
Chloride	300.0	(SP 1600177-020)  (SP 1600177-018)	MS	mg/L	500.0	105 %	85-121		
			MSD	mg/L	500.0	106 %	85-121		
			MSRPD	mg/L	100.0	1.0%	≤19		
			Blank	mg/L		ND	<1		
			LCS	mg/L	25.00	99.4 %	90-110		
			MS	mg/L	500.0	107 %	85-121		
			MSD	mg/L	500.0	106 %	85-121		
			MSRPD	mg/L	100.0	0.5%	≤19		
	300.0	01/08/16:200378KD		CCB	ppm		0.01	1	
				CCV	ppm	25.00	101 %	90-110	
				CCB	ppm		0.04	1	
				CCV	ppm	25.00	101 %	90-110	
	300.0	(STK1553778-008)  (CC 1584205-001)		MS	mg/L	500.0	102 %	85-121	
				MSD	mg/L	500.0	102 %	85-121	
				MSRPD	mg/L	500.0	0.02%	≤19	
				Blank	mg/L		ND	<1	
LCS				mg/L	25.00	97.3 %	90-110		
MS				mg/L	500.0	97.7 %	85-121		
300.0	12/24/15:218772MCA		MSD	mg/L	500.0	97.6 %	85-121		
			MSRPD	mg/L	500.0	0.09%	≤19		
			CCB	ppm		0.24	1		
			CCV	ppm	25.00	104 %	90-110		
Fluoride	300.0	(SP 1600177-020)  (SP 1600177-018)	MS	mg/L	50.00	102 %	87-120		
			MSD	mg/L	50.00	103 %	87-120		
			MSRPD	mg/L	100.0	0.9%	≤16		
			Blank	mg/L		ND	<0.1		
			LCS	mg/L	2.500	99.3 %	90-110		
			MS	mg/L	50.00	104 %	87-120		
			MSD	mg/L	50.00	104 %	87-120		
			MSRPD	mg/L	100.0	0.7%	≤16		
	300.0	01/08/16:200378KD		CCB	ppm		0.021	0.1	
				CCV	ppm	2.500	101 %	90-110	
				CCB	ppm		0.019	0.1	
				CCV	ppm	2.500	101 %	90-110	
	300.0	(STK1553778-008)  (CC 1584205-001)		MS	mg/L	50.00	103 %	87-120	
				MSD	mg/L	50.00	102 %	87-120	
				MSRPD	mg/L	500.0	0.9%	≤16	
				Blank	mg/L		ND	<0.1	
LCS				mg/L	2.500	97.5 %	90-110		
MS				mg/L	50.00	97.9 %	87-120		
300.0	12/24/15:218772MCA		MSD	mg/L	50.00	97.8 %	87-120		
			MSRPD	mg/L	500.0	0.07%	≤16		
300.0	12/24/15:218772MCA		CCB	ppm		0.034	0.1		

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note		
Wet Chem Fluoride	300.0	12/24/15:218772MCA	CCV	ppm	2.500	104 %	90-110			
			CCB	ppm		0.000	0.1			
			CCV	ppm	2.500	105 %	90-110			
Nitrate	300.0	(STK1553778-008)	MS	mg/L	400.0	102 %	85-119			
			MSD	mg/L	400.0	102 %	85-119			
			MSRPD	mg/L	500.0	0.2%	≤19			
			Blank	mg/L		ND	<0.5			
			LCS	mg/L	20.00	96.2 %	90-110			
			MS	mg/L	400.0	97.8 %	85-119			
	300.0	(CC 1584205-001)	MSD	mg/L	400.0	97.7 %	85-119			
			MSRPD	mg/L	500.0	0.1%	≤19			
			300.0	12/24/15:218772MCA	CCB	ppm		0.218	0.5	
					CCV	ppm	20.00	103 %	90-110	
					CCB	ppm		0.224	0.5	
			CCV	ppm	20.00	104 %	90-110			
Sulfate	300.0	(SP 1600177-020)	MS	mg/L	1000	105 %	82-124			
			MSD	mg/L	1000	106 %	82-124			
			MSRPD	mg/L	100.0	0.7%	≤23			
			Blank	mg/L		ND	<2.0			
			LCS	mg/L	50.00	100 %	90-110			
			MS	mg/L	1000	107 %	82-124			
	300.0	(SP 1600177-018)	MSD	mg/L	1000	106 %	82-124			
			MSRPD	mg/L	100.0	0.6%	≤23			
			300.0	01/08/16:200378KD	CCB	ppm		0.11	2	
					CCV	ppm	50.00	102 %	90-110	
					CCB	ppm		0.11	2	
			CCV	ppm	50.00	102 %	90-110			
	300.0	(STK1553778-008)	MS	mg/L	1000	102 %	82-124			
			MSD	mg/L	1000	101 %	82-124			
			MSRPD	mg/L	500.0	0.5%	≤23			
			Blank	mg/L		ND	<2.0			
			LCS	mg/L	50.00	96.8 %	90-110			
			MS	mg/L	1000	98.1 %	82-124			
300.0	(CC 1584205-001)	MSD	mg/L	1000	97.2 %	82-124				
		MSRPD	mg/L	500.0	0.9%	≤23				
		300.0	12/24/15:218772MCA	CCB	ppm		0.00	2		
				CCV	ppm	50.00	104 %	90-110		
				CCB	ppm		0.00	2		
		CCV	ppm	50.00	105 %	90-110				
Perchlorate	314.0	12/17/15:214629SBL	Blank	ug/L		ND	<2			
			LCS	ug/L	24.82	105 %	85-115			
			MS	ug/L	24.82	107 %	80-120			
			MSD	ug/L	24.82	105 %	80-120			
	314.0	12/17/15:218369SBL	MSRPD	ug/L	24.82	1.6%	≤15			
			CCB	ppb		0.00	1.0			
			CCV	ppb	9.930	115 %	85-115			
			CCB	ppb		0.00	1.0			
			CCV	ppb	9.930	108 %	85-115			
Nitrogen, Total Kjeldahl	351.2	12/17/15:214611jmg	Blank	mg/L		ND	<0.5			
			LCS	mg/L	12.00	96.6 %	73-124			
			LCS	mg/L	12.00	97.7 %	73-124			
			MS	mg/L	12.00	99.1 %	54-136			
			MSD	mg/L	12.00	95.6 %	54-136			
			MSRPD	mg/L	12.00	2.9%	≤27			

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Nitrogen, Total Kjeldahl	351.2	(SP 1513966-001)	Dup	mg/L		0.12	0.5	
	351.2	12/21/15:214761jmg  (VI 1544885-003)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	12.00 12.00 12.00 12.00	ND 82.2 % 85.2 % 79.5 % 6.9%	<0.5 73-124 54-136 54-136 ≤27	
Chlorine	4500CIG	12/16/15:218219AMM	CCV	mg/L	0.9900	93.2 %	90-110	
			CCB	mg/L		-0.024	0.1	
			CCV	mg/L	0.9900	93.6 %	90-110	
			CCB	mg/L		-0.024	0.1	
Chlorine, Residual	4500CIG	(CC 1584128-001)	Dup	mg/L		0.0038	0.1	
Cyanide	4500CNCE	12/20/15:218555AMM	CCV	mg/L	0.1000	97.2 %	90-110	
			CCB	mg/L		-0.00088	0.004	
			CCV	mg/L	0.1000	97.2 %	90-110	
			CCB	mg/L		-0.00088	0.004	
Cyanide, Total	4500CNCE	12/20/15:214755AMM  (SP 1513926-001)	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	96.1 %	90-110	
			LCS	mg/L	0.4000	102 %	90-110	
			MS	mg/L	0.05000	118 %	26-226	
			MSD	mg/L	0.05000	125 %	26-226	
			MSRPD	mg/L	0.05000	5.3%	≤36	
pH	4500-H B	(SP 1514169-001)	Dup	units		0.4%	4.80	
	4500HB	12/23/15:218628JMG	CCV	units	8.000	99.8 %	95-105	
			CCV	units	8.000	99.8 %	95-105	
Ammonia Nitrogen	4500NH3G	(SP 1513975-001)  (SP 1513975-002)	MS	mg/L	2.000	115 %	70-130	
			MSD	mg/L	2.000	117 %	70-130	
			MSRPD	mg/L	2.000	1.9%	≤20	
			MS	mg/L	2.000	119 %	70-130	
			MSD	mg/L	2.000	118 %	70-130	
			MSRPD	mg/L	2.000	0.9%	≤20	
	4500NH3G	12/21/15:218453AMB	CCB	mg/L		-0.021	0.2	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.075	0.2	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.023	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		0.118	0.2	
			CCV	mg/L	2.000	101 %	90-110	
Nitrite as Nitrogen	4500NO2B	(STK1553712-001)	MS	mg/L	0.2284	-9.5 %	1-173	435
			MSD	mg/L	0.2284	-10.0 %	1-173	435
			MSRPD	mg/L	0.2284	0.0012	≤0.1	
	4500NO2B	12/17/15:218261MCA	CCV	mg/L	0.1522	92.7 %	90-110	
			CCB	mg/L		0.003	0.1	
			CCV	mg/L	0.1522	92.7 %	90-110	
			CCB	mg/L		0.003	0.1	
4500NO2F	(SP 1514000-005)	MS	mg/L	1.270	88.5 %	50-150		
		MSD	mg/L	1.270	92.8 %	50-150		
		MSRPD	mg/L	1.270	4.7%	≤30		
Nitrate + Nitrite as N	4500NO3F	(SP 1514000-005)	MS	mg/L	11.27	88.9 %	5-285	
			MSD	mg/L	11.27	93.6 %	5-285	
			MSRPD	mg/L	11.27	5.0%	≤30.4	
	4500NO3F	12/16/15:218244CJJ	CCB	mg/L		0.023	0.1	
			CCV	mg/L	11.27	97.1 %	90-110	
			CCB	mg/L		0.020	0.1	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Nitrate + Nitrite as N	4500NO3F	12/16/15:218244CJJ	CCV	mg/L	11.27	97.1 %	90-110	
Nitrite as Nitrogen	4500NO3F	12/16/15:218242CJJ	CCB	mg/L	1.270	0.008	0.2	
			CCV	mg/L		97.7 %	90-110	
			CCB	mg/L		0.009	0.2	
			CCV	mg/L		97.7 %	90-110	
Phosphorus	4500-P B	12/18/15:214734sjn  (CH 1579937-001)	Blank	mg/L	0.5000	ND	<0.1	
			LCS	mg/L		101 %	90-116	
			MS	mg/L		43.3 %	25-292	
			MSD	mg/L		69.7 %	25-292	
			MSRPD	mg/L		0.066	≤0.1	
Total Phosphorus	4500PE	12/21/15:218408SJJ	CCB	mg/L	0.5000	0.044	0.1	
			CCV	mg/L		102 %	90-110	
			CCB	mg/L		0.012	0.1	
			CCV	mg/L		99.5 %	90-110	
BOD	5210B	12/15/15:214513NMRP  (CH 1579846-001) (CH 1579846-001) (CH 1579846-001)	RgBlk	mg/L	198.0	0.32	2	735
			LCS	mg/L		101 %	84.6-115	
			Dup	mg/L		3.1%	15.9	
			Dup	mg/L		1.6%	15.9	
	5210B	12/20/15:218504AMM	CCV	mg/L	1.000	98.0 %	80-120	
			CCV	mg/L	1.000	95.0 %	80-120	
MBAS	5540C	12/15/15:218682jmg	CCB	mg/L	10.00	0.000	0.1	
			CCV	mg/L		100 %	99-101	
MBAS Screen	5540C	(SP 1514026-002)	MS	mg/L	10.00	100 %	90-110	
			MSD	mg/L		100 %	90-110	
			MSRPD	mg/L		0.0	≤0.1	
Nitrogen, Total Kjeldahl	EPA351.2	12/18/15:218350AMB	CCB	mg/L	5.000	-0.218	0.5	
			CCV	mg/L		109 %	90-110	
			CCB	mg/L		0.032	0.5	
			CCV	mg/L		107 %	90-110	
	EPA351.2	12/22/15:218532AMB	CCB	mg/L	5.000	0.060	0.5	
			CCV	mg/L		97.8 %	90-110	
			CCB	mg/L	5.000	-0.004	0.5	
			CCV	mg/L		98.8 %	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 analyte. 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.

January 15, 2016  
Rincon Consultants, Inc.

Lab ID : SP 1514000  
Customer : 2-25173

### Quality Control - Inorganic

Definition	
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
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.
<1/4	: High Sample Background - Spike concentration was less than one fourth 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.
735	: Dilution water exceeded DO uptake method criteria

**Quality Control - Radio**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Radio</b>								
Alpha	900.0	12/28/15:218810caa	CCV CCB	cpm cpm	9173	46.1 % 0.0800	40 - 49 0.19	
Beta	900.0	12/28/15:218810caa	CCV CCB	cpm cpm	9173	95.6 % 0.4200	87 - 106 0.49	
Gross Alpha	900.0	12/23/15:214870elc  (SP 1514085-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 107.4 107.4 107.4 107.4	 1.48 117 % 122 % 133 % 8.8%	 3 75-125 60-140 60-140 ≤30	
Gross Beta	900.0	12/23/15:214870elc  (SP 1514085-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 73.50 73.50 73.50 107.4	 0.87 109 % 119 % 114 % 4.8%	 4 75-125 80-130 80-130 ≤30	
Alpha	903.0	12/29/15:200252emv	CCV CCB	cpm cpm	8774	41.3 % 0.0800	38 - 46 0.19	
Total Alpha Radium (226)	903.0	12/24/15:214952emv	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 21.59 21.59 21.59 21.59	 0.15 87.4 % 83.1 % 84.7 % 2.0%	 2 52-107 43-111 43-111 ≤35.5	
Beta	905.0	12/22/15:218744caa	CCV CCB	cpm cpm	9174	96.3 % 0.3600	86 - 106 0.55	
Total Strontium	905.0	12/17/15:214666emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 41.35 41.34 41.34 41.34	 0.33 53.1 % 92.5 % 95.6 % 3.3%	 2 53-133 75-125 75-125 ≤20	
Tritium	906.0	12/21/15:214760caa	Blank LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 1628 1628 1628 1628	 -56 104 % 107 % 105 % 1.8%	 <300 75-125 75-125 75-125 ≤25	
	906.0	12/22/15:218552caa	CCV CCB	pCi/L pCi/L	31350	104 % 140	90-110 500	
Alpha	908.0	12/24/15:218750caa	CCV CCB	cpm cpm	8778	43.0 % 0.1200	42 - 51 0.12	
Uranium	908.0	12/23/15:214872caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 20.97 20.97 20.97 20.97	 0.09 73.0 % 94.7 % 89.2 % 6.0%	 1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	01/02/16:200182emv	CCV CCB	cpm cpm	19520	45.7 % 0.3800	41 - 50 0.55	
	Ra - 05	01/02/16:200185emv	CCV CCB	cpm cpm	19520	46.0 % 0.3600	41 - 50 0.49	
Ra 228	Ra - 05	12/28/15:214817emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 85.36 85.36 85.36 85.36	 0.05 46.7 % 108 % 108 % 0.2%	 3 27-59 75-125 75-125 ≤25	
<b>Definition</b>								
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.								

January 15, 2016  
Rincon Consultants, Inc.

Lab ID : SP 1514000  
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 analyte. 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.



January 20, 2016

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

**Subject: Subcontract Analyses for FGL Lab No. SP 1514000**

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

- Sub Inorganic-Bromate, Chlorite, Low-Level
- Sub Contracted-PPCP-EPA 1694MHormones: 17-b-EstradiolPharma Positive:Caffiene, DEET, SucralosePharma Negative: Triclosan
- Sub Contracted-EPA 521 NDMA

Please note that this analysis was performed by Weck Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

**Cindy Aguirre**  Digitally signed by Cindy Aguirre  
Title: Customer Service Rep  
Date: 2016-01-20

Enclosure

**CERTIFICATE OF ANALYSIS**

<b>Client:</b> FGL Environmental 853 Corporation Street Santa Paula CA, 93060	<b>Report Date:</b> 01/19/16 16:39
<b>Attention:</b> Cindy Aguirre	<b>Received Date:</b> 12/16/15 10:00
<b>Phone:</b> (805) 392-2012	<b>Turn Around:</b> Normal
<b>Fax:</b> (805) 525-4172	<b>Client Project:</b> SP 1514000- (2-25173)
<b>Work Order(s):</b> 5L16014	

**NELAC #4047-002 ORELAP ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143**

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Cindy Aguirre :

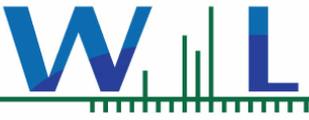
Enclosed are the results of analyses for samples received 12/16/15 10:00 with the Chain of Custody document. The samples were received in good condition, at 3.9 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

**Case Narrative:**

**Reviewed by:**

Kim G. Tu  
Project Manager





FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

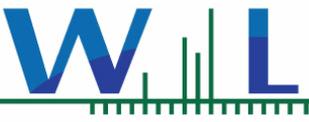
**Date Received:** 12/16/15 10:00  
**Date Reported:** 01/19/16 16:39

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Sampled by:	Lab ID	Matrix	Date Sampled
SMBRP-09	Peter	5L16014-01	Water	12/15/15 07:45
TY-MW-1	Peter	5L16014-02	Water	12/15/15 11:00

**ANALYSES**

- Anions by IC, EPA Method 300.1/326
- Nitrosamines by CI GC/MS/MS, EPA 521
- Nitrosamines by isotopic dilution GC/MS CI Mode
- PPCPs - Hormones by LC/MSMS-APCI
- PPCPs - Pharmaceuticals by LC/MSMS-ESI-
- PPCPs - Pharmaceuticals by LC/MSMS-ESI+



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/16/15 10:00  
Date Reported: 01/19/16 16:39

5L16014-01 SMBRP-09

Sampled: 12/15/15 07:45

Sampled By: Peter

Matrix: Water

Anions by IC, EPA Method 300.1/326

Method: EPA 300.1	Batch: W5L1241	Prepared: 12/22/15 11:01						Analyst: ajp
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Bromate	ND	6.3	50	ug/l	10	12/23/15 10:41		
Chlorite	ND	7.0	100	ug/l	10	12/23/15 10:41		
Surr: Dichloroacetate	105 %	Conc:526	90-115	%				
Surr: Dichloroacetate	105 %	Conc:526	90-115	%				

Nitrosamines by CI GC/MS/MS, EPA 521

Method: EPA 521	Batch: W5L1479	Prepared: 12/28/15 14:12						Analyst: smr
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
N-Nitrosodimethylamine	ND	0.28	2.0	ng/l	1	12/29/15 18:53		
Surr: NDMA-d6	113 %	Conc:28.2	70-130	%				

PPCPs - Hormones by LC/MSMS-APCI

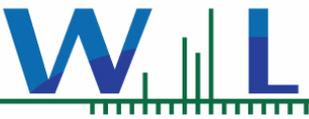
Method: EPA 1694M-APCI	Batch: W5L0955	Prepared: 12/15/15 14:57						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
17-b-Estradiol	ND	0.31	1.0	ng/l	1	01/06/16 22:06		

PPCPs - Pharmaceuticals by LC/MSMS-ESI-

Method: EPA 1694M-ESI-	Batch: W5L0879	Prepared: 12/15/15 14:53						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Triclosan	ND	1.2	2.0	ng/l	1	12/23/15 12:29		

PPCPs - Pharmaceuticals by LC/MSMS-ESI+

Method: EPA 1694M-ESI+	Batch: W5L0881	Prepared: 12/15/15 14:57						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Caffeine	2.4	0.31	1.0	ng/l	1	01/18/16 12:36		
DEET	3.5	0.060	1.0	ng/l	1	01/18/16 12:36		
Sucralose	ND	5.0	10	ng/l	1	01/18/16 12:36	A-01	



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

**Date Received:** 12/16/15 10:00  
**Date Reported:** 01/19/16 16:39

**5L16014-02 TY-MW-1**  
**Sampled:** 12/15/15 11:00 **Sampled By:** Peter **Matrix:** Water

**Anions by IC, EPA Method 300.1/326**

Method: EPA 300.1	Batch: W5L1241	Prepared: 12/22/15 11:01					Analyst: ajp
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Bromate	ND	6.3	50	ug/l	10	12/23/15 11:05	
Chlorite	ND	7.0	100	ug/l	10	12/23/15 11:05	
<i>Surr: Dichloroacetate</i>	103 %	Conc:517	90-115	%			
<i>Surr: Dichloroacetate</i>	103 %	Conc:517	90-115	%			

**Nitrosamines by CI GC/MS/MS, EPA 521**

Method: EPA 521	Batch: W5L1479	Prepared: 12/28/15 14:12					Analyst: smr
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
N-Nitrosodimethylamine	ND	0.28	2.0	ng/l	1	12/29/15 19:20	
<i>Surr: NDMA-d6</i>	112 %	Conc:27.9	70-130	%			

**PPCPs - Hormones by LC/MSMS-APCI**

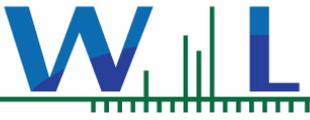
Method: EPA 1694M-APCI	Batch: W5L0955	Prepared: 12/15/15 14:57					Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
17-b-Estradiol	ND	0.31	1.0	ng/l	1	01/06/16 22:22	

**PPCPs - Pharmaceuticals by LC/MSMS-ESI-**

Method: EPA 1694M-ESI-	Batch: W5L0879	Prepared: 12/15/15 14:53					Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Triclosan</b>	<b>1.5</b>	1.2	2.0	ng/l	1	12/23/15 12:45	<b>J</b>

**PPCPs - Pharmaceuticals by LC/MSMS-ESI+**

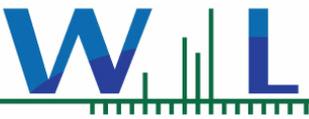
Method: EPA 1694M-ESI+	Batch: W5L0881	Prepared: 12/15/15 14:57					Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Caffeine</b>	<b>3.1</b>	0.31	1.0	ng/l	1	01/18/16 12:49	
<b>DEET</b>	<b>1.5</b>	0.060	1.0	ng/l	1	01/18/16 12:49	
Sucralose	ND	5.0	10	ng/l	1	01/18/16 12:49	<b>A-01</b>



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

**Date Received:** 12/16/15 10:00  
**Date Reported:** 01/19/16 16:39

# QUALITY CONTROL SECTION



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/16/15 10:00  
Date Reported: 01/19/16 16:39

**Anions by IC, EPA Method 300.1/326 - Quality Control**

**Batch W5L1241 - EPA 300.1**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1241-BLK1)</b>					Analyzed: 12/22/15 12:26						
Bromate	ND	0.63	5.0	ug/l							
Chlorite	ND	0.70	10	ug/l							
Surr: Dichloroacetate	461			ug/l	500		92	90-115			
Surr: Dichloroacetate	461			ug/l	500		92	90-115			
<b>LCS (W5L1241-BS1)</b>					Analyzed: 12/22/15 12:46						
Bromate	105	0.63	5.0	ug/l	100		105	85-115			
Surr: Dichloroacetate	520			ug/l	500		104	90-115			
<b>Matrix Spike Dup (W5L1241-MSD1)</b>					Source: 5L02072-01		Analyzed: 12/22/15 15:58				
Bromate	72.3	0.63	5.0	ug/l	100	ND	72	64-133	10	20	
Chlorite	80.1	0.70	10	ug/l	100	ND	80	78-129	8	20	
Surr: Dichloroacetate	468			ug/l	500		94	90-115			
Surr: Dichloroacetate	468			ug/l	500		94	90-115			

**Nitrosamines by CI GC/MS/MS, EPA 521 - Quality Control**

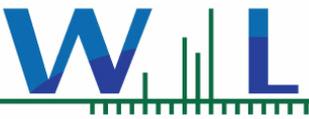
**Batch W5L1479 - EPA 521**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1479-BLK1)</b>					Analyzed: 12/29/15 17:33						
N-Nitrosodimethylamine	ND	0.28	2.0	ng/l							
Surr: NDMA-d6	26.7			ng/l	25.0		107	70-130			
<b>LCS (W5L1479-BS1)</b>					Analyzed: 12/29/15 17:59						
N-Nitrosodimethylamine	1.95	0.28	2.0	ng/l	2.00		97	50-150			J
Surr: NDMA-d6	27.0			ng/l	25.0		108	70-130			
<b>LCS Dup (W5L1479-BSD1)</b>					Analyzed: 12/29/15 18:26						
N-Nitrosodimethylamine	1.64	0.28	2.0	ng/l	2.00		82	50-150	17	50	J
Surr: NDMA-d6	24.1			ng/l	25.0		96	70-130			

**PPCPs - Pharmaceuticals by LC/MSMS-ESI+ - Quality Control**

**Batch W5L0881 - EPA 1694M-ESI+**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L0881-BLK1)</b>					Analyzed: 01/18/16 11:42						
Caffeine	ND	0.31	1.0	ng/l							
DEET	0.474	0.060	1.0	ng/l							J
Sucralose	ND	5.0	10	ng/l							A-01
<b>LCS (W5L0881-BS1)</b>					Analyzed: 01/18/16 12:09						
Caffeine	9.70	0.31	1.0	ng/l	10.0		97	55-152			
DEET	11.7	0.060	1.0	ng/l	10.0		117	45-135			
Sucralose	54.7	5.0	10	ng/l	50.0		109	50-150			



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/16/15 10:00  
Date Reported: 01/19/16 16:39

PPCPs - Pharmaceuticals by LC/MSMS-ESI+ - Quality Control

Batch W5L0881 - EPA 1694M-ESI+

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>LCS Dup (W5L0881-BSD1)</b>					Analyzed: 01/18/16 11:55						
Caffeine	9.54	0.31	1.0	ng/l	10.0		95	55-152	2	30	
DEET	10.6	0.060	1.0	ng/l	10.0		106	45-135	10	30	
Sucralose	88.1	5.0	10	ng/l	50.0		176	50-150	47	30	BS-04

PPCPs - Pharmaceuticals by LC/MSMS-ESI- - Quality Control

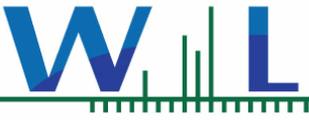
Batch W5L0879 - EPA 1694M-ESI-

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L0879-BLK1)</b>					Analyzed: 12/23/15 10:17						
Salicylic Acid	47.8	0.86	50	ng/l							J
Triclosan	ND	1.2	2.0	ng/l							
<b>LCS (W5L0879-BS1)</b>					Analyzed: 12/23/15 10:34						
Salicylic Acid	122	0.86	50	ng/l	100		122	56-229			
Triclosan	9.37	1.2	2.0	ng/l	10.0		94	76-139			
<b>LCS Dup (W5L0879-BSD1)</b>					Analyzed: 12/23/15 10:50						
Salicylic Acid	135	0.86	50	ng/l	100		135	56-229	10	30	
Triclosan	10.4	1.2	2.0	ng/l	10.0		104	76-139	10	30	

PPCPs - Hormones by LC/MSMS-APCI - Quality Control

Batch W5L0955 - EPA 1694M-APCI

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L0955-BLK1)</b>					Analyzed: 01/06/16 21:15						
17-b-Estradiol	ND	0.31	1.0	ng/l							
<b>LCS (W5L0955-BS1)</b>					Analyzed: 01/06/16 21:32						
17-b-Estradiol	8.27	0.31	1.0	ng/l	10.0		83	65-146			
<b>LCS Dup (W5L0955-BSD1)</b>					Analyzed: 01/07/16 11:26						
17-b-Estradiol	11.9	0.31	1.0	ng/l	10.0		119	65-146	36	30	Q-12



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

**Date Received:** 12/16/15 10:00  
**Date Reported:** 01/19/16 16:39

### Notes and Definitions

<b>Q-12</b>	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.
<b>J</b>	Estimated conc. detected <MRL and >MDL.
<b>BS-04</b>	The recovery of this analyte in LCS or LCSD was outside control limit. Sample was accepted based on the remaining LCS, LCSD or LCS-LL.
<b>A-01</b>	Reporting limit was raise to 10 ppb due to low recovery of low level standard
<b>ND</b>	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)
<b>NR</b>	Not Reportable
<b>Dil</b>	Dilution
<b>dry</b>	Sample results reported on a dry weight basis
<b>RPD</b>	Relative Percent Difference
<b>% Rec</b>	Percent Recovery
<b>Sub</b>	Subcontracted analysis, original report available upon request
<b>MDL</b>	Method Detection Limit
<b>MDA</b>	Minimum Detectable Activity
<b>MRL</b>	Method Reporting Limit

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California Department of Health Services.

The Reporting Limit (RL) is referenced as the Laboratory's Practical Quantitation Limit (PQL) or the Detection Limit for Reporting Purposes (DLR).

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.



## Sample Receipt Acknowledgement

**WORK ORDER:** 5L16014  
**Client:** FGL Environmental  
**Project:** Perchlorate: 314, 331

**Printed:** 12/17/2015 5:31:27PM  
**Project Manager:** Kim G. Tu  
**Project Number:** SP 1514000- (2-25173)

**Report To:**

FGL Environmental  
 Cindy Aquirre  
 853 Corporation Street  
 Santa Paula, CA 93060  
 Phone: (805) 392-2012  
 Fax: (805) 525-4172

**Invoice To:**

FGL Environmental  
 Accounts Payable  
 853 Corporation Street  
 Santa Paula, CA 93060  
 Phone : (805) 392-2000  
 Fax: (805) 525-4172

**Date Due:** 12/31/15 15:00 (10 day TAT)

**Received By:** Jaime Gomez

**Date Received:** 12/16/15 10:00

**Logged In By:** Jaime Gomez

**Date Logged In:** 12/16/15 12:32

Samples Received at:	<b>3.9°C</b>	Sample labels & COC agree	<b>Yes</b>	Sufficient holding time for all tests	<b>Yes</b>
All containers intact:	<b>Yes</b>	Samples preserved properly	<b>Yes</b>	Received on Ice	<b>Yes</b>
Custody Seals	<b>No</b>	Sample volume sufficient	<b>Yes</b>	Appropriate sample containers	<b>Yes</b>
Chain of custody completed	<b>Yes</b>				

Analysis	TAT	Expires	Comments
<b>5L16014-01 SMBRP-09 [Water] Sampled 12/15/15 07:45 (GMT-08:00) Pacific Time (US &amp;</b>			
PPCP Pharma-Positive	10	01/12/16 07:45	Caffiene, DEET, Sucralose
PPCP Pharma-Negative	10	01/12/16 07:45	Triclosan
PPCP Hormones	10	01/12/16 07:45	17-b-Estradiol
NDMA	10	12/22/15 07:45	
300.1 Chlorite	10	12/29/15 07:45	
300.1 Bromate	10	01/12/16 07:45	

<b>5L16014-02 TY-MW-1 [Water] Sampled 12/15/15 11:00 (GMT-08:00) Pacific Time (US &amp;</b>			
PPCP Pharma-Positive	10	01/12/16 11:00	Caffiene, DEET, Sucralose
PPCP Pharma-Negative	10	01/12/16 11:00	Triclosan
PPCP Hormones	10	01/12/16 11:00	17-b-Estradiol
NDMA	10	12/22/15 11:00	
300.1 Chlorite	10	12/29/15 11:00	
300.1 Bromate	10	01/12/16 11:00	



## Sample Receipt Acknowledgement

**WORK ORDER:** 5L16014  
**Client:** FGL Environmental  
**Project:** Perchlorate: 314, 331

**Printed:** 12/17/2015 5:31:27PM  
**Project Manager:** Kim G. Tu  
**Project Number:** SP 1514000- (2-25173)

**Comments:**

11/5/15: As per Cindy A., hold perchlorate sample pending decision regarding method and filtration. -kgt

11/12/15: As per Dawn Bravero, cancel sample analysis and return sample to FGL. -kgt

12/17/2015

Authorized Signature

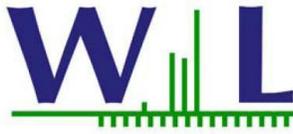
Date

**Note:**

If any of the information included in this sample receipt acknowledgement is incorrect (sample information, analysis, etc), please contact the lab at (626) 336-2139. Thank you.







December 24, 2015

FGL Environmental  
853 Corporation Street,  
Santa Paula, CA 93060

RE: Lost sample for NDMA analysis, Lab WO# 5L16014-(01, 02)

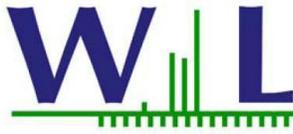
Dear Mr. Olsen,

An internal investigation was conducted regarding lost samples for NDMA analysis. The samples, WO#5L16014-01 (SMBRP-09) and 5L16014-02 (TY-MW-1), were submitted by FGL Environment and received at our lab on 12/16/2015.

Two bottles were received for each sample. The first bottle was mistakenly extracted for a different method which was running simultaneously on a different extraction unit. When extraction chemist checked on the samples halfway through the process, he noticed that the preservation was incorrect and immediately stopped the extraction. Unfortunately, most of the sample has been used. The extraction of the second bottle of the sample was lost during the extraction procedure due to miss placing the collection vessel.

Personnel involved in the process have been retained in order to prevent future occurrences. Prior to beginning any extraction, sample bottle labels will be double checked to ensure correct samples are getting extracted by matching ID# and method on the preparation bench sheet.

Weck Laboratories deeply regrets and apologizes for the situation that was caused under unprecedented circumstances. We are committed to work hard to make the necessary corrective actions to prevent their reoccurrence. If there are any further questions or concerns, please do not hesitate to contact me.



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

Sincerely,

*Alan Ching*

QA Director

Weck Laboratories, Inc.

(626) 336-2139

[alan.ching@wecklabs.com](mailto:alan.ching@wecklabs.com)

4167:12/01/2015				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information																	
Client: Rincon Consultants, Inc. Address: Malibu Civic Center WWTP Attn: Torin Snyder 180 N. Ashwood Ave. Ventura, CA 93003 Phone: (760)918-9444ext209 Fax: Contact Person: Torin Snyder Project Name: Malibu WWTP - BL GW Purchase Order Number: Quote Number: SP 20150526-01				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	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3	TOC 40ml(AVT)-H2SO4	Field Test-Field pH !!pH = 15 MINUTE HOLD TIME!!	Field - pH Date	Field - pH Time	General Mineral 250ml(P)-HNO3 , 16oz(P)	Metals, Total-Al,Sb,As,Ba,Bc,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr_III 250ml(P)-HNO3	Wet Chemistry-CI Res.,N-Organic,Total N,Oil&Grease-1664,Total P,TSS,BOD,NH3-N 125ml(AGT), 16oz(P)-H2SO4 , 32oz(AGJ)-H2SO4 , 16oz(P), 32oz(P)	Wet Chemistry-Color,Odor,Turbidity 500 ml(AGT)
Sampler(s) <i>Peter</i>																					
Sampling Fee: _____ Pickup Fee: _____																					
Compositor Setup Date: ____/____/____ Time: ____/____/____																					
Lab Number: SP 514000 (182) 2-25173																					
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti Type	Bacti Reason	Sub Organic	EPA 504.1	EPA 524.2	Coliform	TOC	Field Test-Field pH	Field - pH Date	Field - pH Time	General Mineral	Metals	Wet Chemistry	Wet Chemistry	
0	Travel Blank	12/15/15		G	LBW				1	2	4										
1	SMBRP-09	12/15/15	0745	G	MW				1	2	4	1	2	7.83	12/15/15	0745	1,1	1	1,1,1,1,1	1	
<del>2</del>	<del>SMBRP-12</del>	<del>12/15/15</del>	<del>0850</del>	<del>G</del>	<del>MW</del>				<del>1</del>	<del>2</del>	<del>4</del>	<del>1</del>	<del>2</del>				<del>1,1</del>	<del>1</del>	<del>1,1,1,1,1</del>	<del>1</del>	
<del>3</del>	<del>MCWP-MW09</del>	<del>12/15/15</del>	<del>1100</del>	<del>G</del>	<del>MW</del>				<del>1</del>	<del>2</del>	<del>4</del>	<del>1</del>	<del>2</del>				<del>1,1</del>	<del>1</del>	<del>1,1,1,1,1</del>	<del>1</del>	
4	TY-MW-1	12/15/15	1100	G	MW				1	2	4	1	2	7.06	12/15/15	1100	1,1	1	1,1,1,1,1	1	
5	SMBRP-13	12/15/15	1253	G	MW							1									
6	SMBRP-7B	12/15/15	1415	G	MW							1									
7	MCWP-MW04S	12/15/15	0945	G	MW							1									
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM				Relinquished Date: 12/15/15 Time: 1420 <i>Peter Sullivan</i>		Relinquished Date: 12/15/15 Time: 1530 <i>[Signature]</i>		Relinquished Date: _____ Time: _____		Relinquished Date: _____ Time: _____		Relinquished Date: _____ Time: _____		Relinquished Date: _____ Time: _____		Relinquished Date: _____ Time: _____		Relinquished Date: _____ Time: _____		Relinquished Date: _____ Time: _____	
				Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1420		Received By: <i>[Signature]</i> Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____	

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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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Fax: (209) 942-0423

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563 E. Lindo  
Chico, CA 95926  
Phone: (530) 343-5818  
Fax: (530) 343-3807

Office & Laboratory  
3442 Empresa Drive, Suite D  
San Luis Obispo, CA 93401  
Phone: (805) 783-2940  
Fax: (805) 783-2912

Office & Laboratory  
9415 W. Goshen Avenue  
Visalia, CA 93291  
Phone: (559) 734-9473  
Fax: (559) 734-8435

				4167:12/01/2015				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information											
Client: Rincon Consultants, Inc. Address: Malibu Civic Center WWTP Attn: Torin Snyder 180 N. Ashwood Ave. Ventura, CA 93003  Phone: (760)918-9444ext209 Fax:  Contact Person: Torin Snyder  Project Name: Malibu WWTP - BL GW  Purchase Order Number:  Quote Number: SP 20150526-01				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)				EPA 624 40ml(VOA)-HCl, 250ml(AGT) EPA 625 1000ml(AGT) EPA 625 Pest 1000ml(AGT) Radio Chemistry-Gross Alpha, Gross Beta, Strontium 90, Total Radium 226, Tritium, Uranium, Ra 228 32oz(P), 32oz(P), 32oz(P)-HNO3, 32oz(P), 32oz(P)-HNO3, 125ml(AGT) EPA 608 - Chlordane, Toxaphene and PBCs 1000ml(AGT) Sampling Directive: SEE ADDITIONAL COC FOR CECS Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N, TDS 16oz(P), 16oz(P)-H2SO4 Wet Chemistry-Cr (VI) 8oz(P)-(NH4)2SO4, NH4OH											
Sampler(s)  Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: _____ Time: _____ Lab Number: SP 1514000(284) 2-25173				Peter															
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti Type	Bacti Reason	EPA 624	EPA 625	EPA 625 Pest	Radio Chemistry	EPA 608	Sampling Directive	Wet Chemistry	Wet Chemistry	
0	Travel Blank	12/15/15	—	G	LBW														
1	SMBRP-09		0745	G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
<del>2</del>	<del>SMBRP-13</del>			<del>G</del>	<del>MW</del>						<del>2,1</del>	<del>1</del>	<del>1</del>	<del>1,1,1,1,2,2</del>	<del>1</del>	<del>X</del>			
<del>3</del>	<del>MCWP-MW09</del>			<del>G</del>	<del>MW</del>						<del>2,1</del>	<del>1</del>	<del>1</del>	<del>1,1,1,1,2,2</del>	<del>1</del>	<del>X</del>			
4	TY-MW-1		1100	G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
5	SMBRP-13		1253	G	MW												1,1		
6	SMBRP-7B		1415	G	MW												1,1		
7	MCWP-MW04S		0945	G	MW													1	
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM				Relinquished Date: 12/15/15 Time: 1420 Received By: [Signature] Date: 12/15/15 Time: 1420				Relinquished Date: 12/15/15 Time: 1530 Received By: [Signature] Date: 12/15/15 Time: 1530											

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**Office & Laboratory**  
 9415 W. Goshen Avenue  
 Visalia, CA 93291  
 Phone: (559) 734-9473  
 Fax: (559) 734-8435







## Subcontract to Vista Analytical Laboratory

Client: <b>Fruit Growers Laboratory, Inc.</b> Address: FGL Environmental, Inc. 853 Corporation St. Santa Paula, CA 93060-3005  Phone: (805)392-2000ext0 Fax: (805)525-4172  Contact Person: Project Name: <b>SP 1514000 - (2-25173)</b> Purchase Order Number:				Map Ref.															
Sampler(s) Peter  Compositor Setup Date: ___/___/___ Time: ___/___				Method of Sampling: Composite(C) Grab(G)  Type of Sample <b>**SEE REVERSE SIDE**</b>  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)															
Lab Number:																			
Samp Num	Location Description	Date Sampled	Time Sampled																
1	SMBRP-09	12/15/15	07:45	G	MW														
4	TY-MW-1	12/15/15	11:00	G	MW														
Remarks:				Relinquished                      Date:              Time:		Relinquished                      Date:              Time:		Relinquished                      Date:              Time:											
Received By:				Date:              Time:		Received By:		Date:              Time:		Received By:		Date:              Time:							

## Subcontract to EMS Laboratories, Inc.

				Map Ref.																
Client: <b>Fruit Growers Laboratory, Inc.</b> Address: FGL Environmental, Inc. 853 Corporation St. Santa Paula, CA 93060-3005  Phone: (805)392-2000ext0    Fax: (805)525-4172  Contact Person:  Project Name: <b>SP 1514000 - (2-25173)</b> Purchase Order 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)	Subcontracted - Asbestos-Drinking Water Please include MDL Reporting 32oz(P)											
Sampler(s) Peter  Compositor Setup Date: ___/___/___    Time: ___/___																				
Lab Number:																				
Samp Num	Location Description	Date Sampled	Time Sampled																	
1	SMBRP-09	12/15/15	07:45	G	MW															
4	TY-MW-1	12/15/15	11:00	G	MW															
Remarks:				Relinquished                      Date:                      Time:			Relinquished                      Date:                      Time:			Relinquished                      Date:                      Time:										
				Received By:                      Date:                      Time:			Received By:                      Date:                      Time:			Received By:                      Date:                      Time:										



### Condition Upon Receipt (Attach to COC)

#### Sample Receipt at SP:

1. Number of ice chests/packages received: 1
2. Shipper tracking numbers \_\_\_\_\_
3. Were samples received in a chilled condition?  
Temps: ROI / 12 / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC?  Yes  No  N/A
6. Verify sample date, time, sampler  Yes  No  N/A
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.)  Yes  No
8. Were sample custody seals intact?  Yes  No  N/A

#### Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and  
Approved By

**Nicole Parson**



Digitally signed by Nicole Parson  
Title: Sample Receiving  
Date: 12/16/2015-11:04:58

#### Discrepancy Documentation:

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

1. Person Contacted: Peter Phone Number: \_\_\_\_\_  
Initiated By: Nicole Parson Date: \_\_\_\_\_  
Problem: **-1 time sampled on COC did not match time on bottles.**

Resolution: **Verified with Peter, actual time sampled for -1 was 0850.**

2. Person Contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Initiated By: \_\_\_\_\_ Date: \_\_\_\_\_  
Problem: \_\_\_\_\_

Resolution: \_\_\_\_\_

(2025173)  
**Rincon Consultants, Inc.**  
**SP 1514000**  
NMP-12/16/2015-11:04:58

December 29, 2015  
**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

**SP 1514026:2-3 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 1514026-002	SMBRP-12	Source-Other	Peter	Rincon	12/16/2015 09:55	12/16/2015 15:15 LM	12/18/2015 LM
2	SP 1514026-003	MCWP-MW09	Source-Other	Peter	Rincon	12/16/2015 08:50	12/16/2015 15:17 LM	12/18/2015 LM

### Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	SMBRP-12	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
2	MCWP-MW09	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

‡ Client Notification details.

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

RRH:GMA

Reviewed and  
Approved By

**Raquel R. Harvey**



Digitally signed by Raquel R. Harvey  
 Title: Tech Director Microbiology  
 Date: 2015-12-30

January 8, 2016

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

**Subject: Subcontract Analysis for FGL Lab No. SP 1514026**

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: 2016-01-08

Enclosure

December 31, 2015

**Vista Work Order No. 1501221**

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 December 18, 2015. This sample set was analyzed on a standard turn-around time, under your Project Name 'SP 1514026-(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](mailto: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. 1501221**

**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 1613**

These samples were extracted and analyzed for 2,3,7,8-TCDD by EPA Method 1613 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

<b>Vista Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled</b>	<b>Received</b>	<b>Components/Containers</b>
1501221-01	SMBRP-12	16-Dec-15 09:55	18-Dec-15 14:46	Amber Glass NM Bottle, 1L
1501221-02	MCWP-MW09	16-Dec-15 08:50	18-Dec-15 14:46	Amber Glass NM Bottle, 1L

## **ANALYTICAL RESULTS**

Sample ID: Method Blank						EPA Method 1613B			
Matrix: Aqueous Sample Size: 1.00 L			QC Batch: B5L0094 Date Extracted: 21-Dec-2015 9:11			Lab Sample: B5L0094-BLK1 Date Analyzed: 24-Dec-15 09:11 Column: ZB-5MS Analyst: WJL			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.00	0.423			IS 13C-2,3,7,8-TCDD	83.9	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	86.4	42 - 164	

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Results reported to MDL.

<b>Sample ID: OPR</b>					<b>EPA Method 1613B</b>		
Matrix: Aqueous	QC Batch: B5L0094	Lab Sample: B5L0094-BS1		Date Analyzed: 24-Dec-15 07:35 Column: ZB-5MS Analyst: WJL			
Sample Size: 1.00 L	Date Extracted: 21-Dec-2015 9:11						
Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	172	200	85.9	73 - 146	IS 13C-2,3,7,8-TCDD	87.4	25 - 141
					CRS 37Cl-2,3,7,8-TCDD	88.9	37 - 158

LCL-UCL - Lower control limit - upper control limit

**Sample ID: SMBRP-12** **EPA Method 1613B**

<b>Client Data</b> Name: FGL Environmental, Inc. Project: SP 1514026-(2-25173) Date Collected: 16-Dec-2015 9:55	<b>Sample Data</b> Matrix: Monitoring Well Sample Size: 1.01 L	<b>Laboratory Data</b> Lab Sample: 1501221-01      Date Received: 18-Dec-2015 14:46 QC Batch: B5L0094      Date Extracted: 21-Dec-2015 9:11 Date Analyzed: 24-Dec-15 13:16      Column: ZB-5MS      Analyst: WJL
--	--	---

Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.95	0.292			IS 13C-2,3,7,8-TCDD	91.7	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	91.0	42 - 164	

DL - Sample specific estimated detection limit  
 EMPC - Estimated maximum possible concentration

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit  
 Results reported to MDL.

**Sample ID: MCWP-MW09** **EPA Method 1613B**

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>	
Name:	FGL Environmental, Inc.	Matrix:	Monitoring Well	Lab Sample:	1501221-02      Date Received: 18-Dec-2015 14:46
Project:	SP 1514026-(2-25173)	Sample Size:	1.02 L	QC Batch:	B5L0094      Date Extracted: 21-Dec-2015 9:11
Date Collected:	16-Dec-2015 8:50			Date Analyzed :	24-Dec-15 14:04      Column: ZB-5MS      Analyst: WJL

Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.92	0.423			IS 13C-2,3,7,8-TCDD	67.0	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	89.0	42 - 164	

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

RL - Reporting limit

LCL-UCL- Lower control limit - upper control limit

Results reported to MDL.

## DATA QUALIFIERS & ABBREVIATIONS

<b>B</b>	<b>This compound was also detected in the method blank.</b>
<b>D</b>	<b>Dilution</b>
<b>E</b>	<b>The associated compound concentration exceeded the calibration range of the instrument.</b>
<b>H</b>	<b>Recovery and/or RPD was outside laboratory acceptance limits.</b>
<b>I</b>	<b>Chemical Interference</b>
<b>J</b>	<b>The amount detected is below the Lower Calibration Limit of the instrument.</b>
<b>*</b>	<b>See Cover Letter</b>
<b>Conc.</b>	<b>Concentration</b>
<b>DL</b>	<b>Sample-specific estimated detection limit</b>
<b>MDL</b>	<b>The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero in the matrix tested.</b>
<b>EMPC</b>	<b>Estimated Maximum Possible Concentration</b>
<b>NA</b>	<b>Not applicable</b>
<b>RL</b>	<b>Reporting Limit – concentrations that correspond to low calibration point</b>
<b>ND</b>	<b>Not Detected</b>
<b>TEQ</b>	<b>Toxic Equivalency</b>

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

## CERTIFICATIONS

<b>Accrediting Authority</b>	<b>Certificate Number</b>
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
Michigan Department of Natural Resources	9932
Nevada Division of Environmental Protection	CA004132015-1
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-003
Pennsylvania Department of Environmental Protection	012
South Carolina Department of Health	87002001
Tennessee Department of Environment & Conservation	TN02996
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

## 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
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
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
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
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 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
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



**SAMPLE LOG-IN CHECKLIST**



Vista Project #: 1501221 TAT std

<b>Samples Arrival:</b>	<b>Date/Time:</b> 12/17/15 1009	<b>Initials:</b> UPBB	<b>Location:</b> WR-2			
			<b>Shelf/Rack:</b> NA			
<b>Logged In:</b>	<b>Date/Time:</b> 12/18/15 1444	<b>Initials:</b> UPBB	<b>Location:</b> WR-2			
			<b>Shelf/Rack:</b> B2			
<b>Delivered By:</b>	FedEx	UPS	<u>On Trac</u>	DHL	Hand Delivered	Other
<b>Preservation:</b>	<u>Ice</u>	<u>Blue Ice</u>	Dry Ice	None		
<b>Temp °C:</b> 1.2 (uncorrected)	<b>Time:</b> 1020		<b>Thermometer ID:</b> IR-2			
<b>Temp °C:</b> 0.4 (corrected)						

		YES	NO	NA	
Adequate Sample Volume Received?	1 liter each	✓			
Holding Time Acceptable?		✓			
Shipping Container(s) Intact?		✓			
Shipping Custody Seals Intact?				✓	
Shipping Documentation Present?		✓			
Airbill	Trk # D10010871278458	✓			
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?				✓	
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Preservation Documented?	COC			<u>None</u>	
Shipping Container	Vista	<u>Client</u>	Retain	<u>Return</u>	Dispose

Comments:

January 8, 2016

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

**Subject: Subcontract Analysis for FGL Lab No. SP 1514026**

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

- Sub Organic-EPA 525

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: 2016-01-08

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

Analytical Report: Page 1 of 5  
Project Name: FGL - 525 Regulated No  
Pesticides  
Project Number: SP 1514026-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1980**

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**

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
B5L1980-01	SP 1514026-(2-25173) SMBRP-12 Grab	Water	12/16/15 09:55	Peter	12/18/15 10:07	Ontrac
B5L1980-02	SP 1514026-(2-25173) MCWP-MW09 Grab	Water	12/16/15 08:50	Peter	12/18/15 10:07	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

Analytical Report: Page 2 of 5  
 Project Name: FGL - 525 Regulated No  
 Pesticides  
 Project Number: SP 1514026-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1980**

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

**B5L1980-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1514026-(2-25173) SMBRP-12	Water	12/16/15 09:55	12/18/15 10:07

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Semivolatile Organic Compounds by EPA 525.2								
Benzo(a)pyrene	ND	0.10	0.090	ug/L	EPA 525.2	12/28/15 19:39	DIS	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	12/28/15 19:39	DIS	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	12/28/15 19:39	DIS	
Surrogate: 4-Terphenyl-d14	106	% 70-130			EPA 525.2	12/28/15 19:39	DIS	
Surrogate: Triphenyl phosphate	97.7	% 50-150			EPA 525.2	12/28/15 19:39	DIS	



**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

Analytical Report: Page 3 of 5  
 Project Name: FGL - 525 Regulated No  
 Pesticides  
 Project Number: SP 1514026-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1980**

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

**B5L1980-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1514026-(2-25173) MCWP-MW09	Water	12/16/15 08:50	12/18/15 10:07

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Semivolatile Organic Compounds by EPA 525.2								
Benzo(a)pyrene	ND	0.10	0.090	ug/L	EPA 525.2	12/28/15 18:46	DIS	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	12/28/15 18:46	DIS	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	12/28/15 18:46	DIS	
Surrogate: 4-Terphenyl-d14	105	% 70-130			EPA 525.2	12/28/15 18:46	DIS	
Surrogate: Triphenyl phosphate	81.7	% 50-150			EPA 525.2	12/28/15 18:46	DIS	



**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

Analytical Report: Page 4 of 5  
 Project Name: FGL - 525 Regulated No  
 Pesticides  
 Project Number: SP 1514026-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1980**

Received on Ice (Y/N): Yes Temp: 4 °C

**Semivolatle 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
<b>Batch 5L22059 - EPA 525 Disk Extract</b>										
<b>Blank (5L22059-BLK1)</b> Prepared: 12/22/15 Analyzed: 12/28/15										
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	5.5			ug/L	5.13	107	70-130			
Surrogate: Triphenyl phosphate	5.6			ug/L	5.13	108	50-150			
<b>LCS (5L22059-BS1)</b> Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	4.27	0.10	0.090	ug/L	5.13	83.3	70-136			
DEH-Adipate	5.21	5.0	0.18	ug/L	5.13	102	70-159			
DEH-Phthalate	5.16	3.0	0.81	ug/L	5.13	101	70-137			
Surrogate: 4-Terphenyl-d14	5.6			ug/L	5.13	109	70-130			
Surrogate: Triphenyl phosphate	5.8			ug/L	5.13	112	50-150			
<b>LCS Dup (5L22059-BSD1)</b> Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	4.41	0.10	0.090	ug/L	5.13	85.9	70-136	3.07	40	
DEH-Adipate	5.25	5.0	0.18	ug/L	5.13	102	70-159	0.784	40	
DEH-Phthalate	5.26	3.0	0.81	ug/L	5.13	102	70-137	1.77	40	
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.13	108	70-130			
Surrogate: Triphenyl phosphate	5.7			ug/L	5.13	111	50-150			
<b>Matrix Spike (5L22059-MS1)</b> Source: B5L2006-01 Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	1.03	0.10	0.090	ug/L	4.76	ND	21.7	61-138		QMout
DEH-Adipate	4.94	5.0	0.18	ug/L	4.76	ND	104	70-159		J
DEH-Phthalate	5.27	3.0	0.81	ug/L	4.76	ND	111	70-142		
Surrogate: 4-Terphenyl-d14	5.0			ug/L	4.76		104	70-130		
Surrogate: Triphenyl phosphate	5.1			ug/L	4.76		108	50-150		
<b>Matrix Spike Dup (5L22059-MSD1)</b> Source: B5L2006-01 Prepared: 12/22/15 Analyzed: 12/28/15										
Benzo(a)pyrene	1.70	0.10	0.090	ug/L	4.76	ND	35.6	61-138	48.5	40 QMoRo
DEH-Adipate	5.10	5.0	0.18	ug/L	4.76	ND	107	70-159	3.13	40
DEH-Phthalate	5.30	3.0	0.81	ug/L	4.76	ND	111	70-142	0.630	40
Surrogate: 4-Terphenyl-d14	5.1			ug/L	4.76		108	70-130		
Surrogate: Triphenyl phosphate	4.9			ug/L	4.76		102	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

Analytical Report: Page 5 of 5  
Project Name: FGL - 525 Regulated No  
Pesticides  
Project Number: SP 1514026-(2-25173)

Report Date: 30-Dec-2015

**Work Order Number: B5L1980**

Received on Ice (Y/N): Yes Temp: 4 °C

## Notes and Definitions

J Estimated value

QMoRo MSD recovery and the MS/MSD RPD value 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

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## 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.

---

cc:  
*mailing*  
P.O. Box 432  
Riverside, CA 92502-0432

*location*  
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Riverside, CA 92507-0704

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e-Standard\_No Alias.rpt  
CA ELAP No. 2698  
EPA no. CA00102  
LACSD No., 10119



January 13, 2016

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

**Subject: Subcontract Analysis for FGL Lab No. SP 1514026**

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

- Subcontracted - Asbestos

Please note that this analysis was performed by EMS Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

**Cindy Aguirre**



Digitally signed by Cindy Aguirre  
Title: Customer Service Rep  
Date: 2016-01-13

Enclosure





January 18, 2016

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Lab ID : SP 1514026  
 Customer : 2-25173

### Laboratory Report

**Introduction:** This report package contains total of 86 pages divided into 3 sections:

Case Narrative (8 pages) : An overview of the work performed at FGL.  
 Sample Results (33 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
Travel Blank	12/16/2015	12/16/2015	SP 1514026-000	LBW
SMBRP-12	12/16/2015	12/16/2015	SP 1514026-002	MW
MCWP-MW09	12/16/2015	12/16/2015	SP 1514026-003	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. The holding time for pH, Chlorine, Total are listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH, Chlorine, Total on the same day of receipt at the laboratory. If this presents any problem please call.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
SP 1514026-002	Chlorine, Total	15	309 Minutes
SP 1514026-002	Color	48	-18.92 Hours
SP 1514026-002	MBAS (foaming agents)	48	-17.92 Hours
SP 1514026-002	Odor	24	-1.17 Hours
SP 1514026-003	Chlorine, Total	15	373.8 Minutes
SP 1514026-003	Color	48	-17.83 Hours
SP 1514026-003	MBAS (foaming agents)	48	-16.83 Hours
SP 1514026-003	Odor	24	-0.08 Hours

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.

January 18, 2016  
**Rincon Consultants, Inc.**

Lab ID : SP 1514026  
 Customer : 2-25173

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

**Inorganic - Metals QC**

200.7	12/28/2015:218813 All analysis quality controls are within established criteria.
	12/28/2015:215015 All preparation quality controls are within established criteria, except: The following note applies to Boron, Iron, Magnesium, Zinc, Potassium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
200.8	12/27/2015:218470 All analysis quality controls are within established criteria.
245.1	12/21/2015:218521 All analysis quality controls are within established criteria.
3010	12/23/2015:214884 All preparation quality controls are within established criteria, except: The following note applies to Barium, Copper: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	The following note applies to Aluminum, 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.
7470	12/21/2015:214779 All preparation quality controls are within established criteria.

**Organic QC**

504	12/23/2015:214903 All preparation quality controls are within established criteria.
504.1	12/24/2015:218690 All analysis quality controls are within established criteria.
505	12/18/2015:218312 All analysis quality controls are within established criteria.
	12/17/2015:214638 All preparation quality controls are within established criteria, except: The following note applies to Heptachlor Epoxide: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Dieldrin, Endrin, Heptachlor Epoxide, Lindane, Methoxychlor: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
507	01/01/2016:218953 All analysis quality controls are within established criteria.
	12/28/2015:214978 All preparation quality controls are within established criteria, except:

**Organic QC**

507	<p>The following note applies to EPN/Triphenylphosphate:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.          The following note applies to Cyanazine, Metribuzin, EPN/Triphenylphosphate:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.</p>
515.3	<p>12/23/2015:218619 All analysis quality controls are within established criteria, except:          The following note applies to 2,4,5-T:          360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.</p> <p>12/18/2015:214738 All preparation quality controls are within established criteria, except:          The following note applies to Dalapon, Pentachlorophenol:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.          The following note applies to Dalapon:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.</p>
524.2	<p>12/16/2015:218288 All analysis quality controls are within established criteria, except:          The following note applies to 1,1,2-Trichloroethane, 1,3-Dichloropropane, Dibromochloromethane, Bromomethane (Methyl Bromide), cis-1,3-Dichloropropene:          360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.</p> <p>12/17/2015:218598 All analysis quality controls are within established criteria, except:          The following note applies to Bromomethane (Methyl Bromide), Trichlorofluoromethane F-11, Chloroethane (Ethyl Chloride), Chloromethane(Methyl Chloride):          360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.</p> <p>12/16/2015:214428 All preparation quality controls are within established criteria, except:          The following note applies to Trichlorotrifluoroethane F-113, 1,1-Dichloroethylene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzen:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.</p> <p>12/17/2015:214893 All preparation quality controls are within established criteria, except:          The following note applies to Bromomethane (Methyl Bromide), Chloroethane (Ethyl Chloride), Isopropylbenzene, 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 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane(TCA), 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, Trichlorotriflu:          435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.</p>
531.1	<p>12/22/2015:218524 All analysis quality controls are within established criteria.</p> <p>12/21/2015:214815 All preparation quality controls are within established criteria, except:</p>

**Organic QC**

531.1	The following note applies to 3-Hydroxycarbofuran, Aldicarb Sulfone/Sulfoxide: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
5310C	12/27/2015:218763 All analysis quality controls are within established criteria.
	12/24/2015:214953 All preparation quality controls are within established criteria, except: The following note applies to TOC: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
547	12/18/2015:218320 All analysis quality controls are within established criteria.
	12/17/2015:214647 All preparation quality controls are within established criteria.
548.1	01/04/2016:200072 All analysis quality controls are within established criteria.
	12/21/2015:214805 All preparation quality controls are within established criteria.
549	12/18/2015:214727 All preparation quality controls are within established criteria.
549.2	12/22/2015:218612 All analysis quality controls are within established criteria.
552	12/18/2015:214728 All preparation quality controls are within established criteria, except: The following note applies to 2,3-Dibromopropionic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	12/20/2015:218443 All analysis quality controls are within established criteria.
608	12/29/2015:218887 All analysis quality controls are within established criteria.
	12/21/2015:214766 All preparation quality controls are within established criteria.
624	12/18/2015:218636 All analysis quality controls are within established criteria, except: The following note applies to Bromomethane (Methyl Bromide), Freon-11, Chloroethane (Ethyl Chloride), Vinyl Chloride: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	12/18/2015:214909 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, Acrolein, Acrylonitrile, Bromoform, Bromomethane (Methyl Bromide), Freon-11, Chloroethane (Eth): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to 2-Chloroethylvinyl ether: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

### Organic QC

625	01/13/2016:200567 All analysis quality controls are within established criteria, except: The following note applies to 2,4,6-Trichlorophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitrophenol, Benzo(g,h,i)perylene, Pentachlorophenol, H: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	12/22/2015:214854 All preparation quality controls are within established criteria, except: The following note applies to 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol, 4-Bromophenylphenylether, Benzo(a)pyre: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Butylbenzylphthalate, Di-n-butylphthalate, N-Nitrosodimethylamine: 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 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, 3,3-Dichlorobenzidine, Pentachlorophe: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	625P
	12/23/2015:218831 All analysis quality controls are within established criteria.
	12/24/2015:218831 All analysis quality controls are within established criteria.
	12/17/2015:214645 All preparation quality controls are within established criteria, except: The following note applies to p,p`-DDD, Beta BHC, Endrin: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to alpha-Chlordane, Aldrin, Beta BHC, cis_Nonachlor, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, End: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

### Radio QC

900.0	01/08/2016:218149 All analysis quality controls are within established criteria.
	12/28/2015:218810 All analysis quality controls are within established criteria.
	12/23/2015:214870 All preparation quality controls are within established criteria.
903.0	12/29/2015:200252 All analysis quality controls are within established criteria.
	12/24/2015:214952 All preparation quality controls are within established criteria.
905.0	12/22/2015:218744 All analysis quality controls are within established criteria.
	12/17/2015:214666 All preparation quality controls are within established criteria.
906.0	12/22/2015:218552 All analysis quality controls are within established criteria.

January 18, 2016  
**Rincon Consultants, Inc.**

Lab ID : SP 1514026  
 Customer : 2-25173

**Radio QC**

906.0	12/21/2015:214760 All preparation quality controls are within established criteria.
908.0	12/28/2015:218809 All analysis quality controls are within established criteria.
	12/28/2015:214961 All preparation quality controls are within established criteria.
Ra - 05	01/02/2016:200182 All analysis quality controls are within established criteria.
	01/02/2016:200185 All analysis quality controls are within established criteria.
	12/28/2015:214817 All preparation quality controls are within established criteria.

**Inorganic - Wet Chemistry QC**

1664	01/06/2016:200141 All preparation quality controls are within established criteria.
2120B	12/15/2015:218362 All analysis quality controls are within established criteria.
	12/15/2015:214695 All preparation quality controls are within established criteria.
2130B	12/18/2015:218393 All analysis quality controls are within established criteria.
	12/17/2015:214721 All preparation quality controls are within established criteria.
2150B	12/16/2015:214709 All preparation quality controls are within established criteria.
218.6	12/18/2015:218542 All analysis quality controls are within established criteria.
	12/17/2015:214845 All preparation quality controls are within established criteria.
2320B	12/17/2015:218341 All analysis quality controls are within established criteria.
	12/17/2015:214605 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	12/17/2015:218292 All analysis quality controls are within established criteria.
	12/17/2015:214631 All preparation quality controls are within established criteria.
2540CE	12/18/2015:214660 All preparation quality controls are within established criteria.

**Inorganic - Wet Chemistry QC**

2540D	12/19/2015:214748 All preparation quality controls are within established criteria.
300.0	12/17/2015:218496 All analysis quality controls are within established criteria.
	12/18/2015:218496 All analysis quality controls are within established criteria.
	12/17/2015:214797 All preparation quality controls are within established criteria.
314.0	12/18/2015:218369 All analysis quality controls are within established criteria.
	12/17/2015:214629 All preparation quality controls are within established criteria.
351.2	12/21/2015:214763 All preparation quality controls are within established criteria.
4500CIG	12/16/2015:218219 All analysis quality controls are within established criteria.
	12/16/2015:214581 All preparation quality controls are within established criteria.
4500CNCE	12/20/2015:218555 All analysis quality controls are within established criteria.
	12/20/2015:214755 All preparation quality controls are within established criteria.
4500NH3G	12/28/2015:218804 All analysis quality controls are within established criteria.
	12/28/2015:214975 All preparation quality controls are within established criteria.
4500-P B	12/17/2015:214652 All preparation quality controls are within established criteria, except: The following note applies to Phosphorus: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500PE	12/18/2015:218323 All analysis quality controls are within established criteria.
5210B	12/21/2015:218498 All analysis quality controls are within established criteria.
	12/16/2015:214596 All preparation quality controls are within established criteria, except: The following note applies to BOD: 735 Dilution water exceeded DO uptake method criteria
5540C	12/15/2015:218682 All analysis quality controls are within established criteria.
	12/15/2015:214946 All preparation quality controls are within established criteria.
EPA351.2	12/22/2015:218532 All analysis quality controls are within established criteria.

January 18, 2016  
**Rincon Consultants, Inc.**

Lab ID : SP 1514026  
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: 2016-01-18

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January 18, 2016

Lab ID : SP 1514026-000  
 Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 16, 2015-00:00  
 Sampled By : Peter  
 Received On : December 16, 2015-12:45  
 Matrix : Lab. Blank Water

Description : Travel Blank  
 Project : Malibu WWTP - Baseline GWM

**Sample Result - Organic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 504.1</b> <sup>VOA:1</sup>													
1,3-Dibromopropane <sup>‡</sup>	96.0	70-130		%	1		504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-00:58SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-00:58SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-00:58SBL
<b>EPA 524.2</b> <sup>VOA:13</sup>													
4-Bromofluorobenzene <sup>‡</sup>	105	70-130		%	1		524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2-Dichlorobenzene-d4 <sup>‡</sup>	102	70-130		%	1		524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uh	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uh	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	214893	12/17/15	08:00	524.2	218598-GM215	12/17/15-20:10VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <small>VOA:13</small>												
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	Uh	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <sup>VOA:13</sup>												
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	Uh	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	214893	12/17/15 08:00	524.2	218598-GM215	12/17/15-20:10VRG

**DQF Flags Definition:**

- h The MS/MSD did not meet QC criteria.
- 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: Monochloroacetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

January 18, 2016

Lab ID : SP 1514026-002

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 16, 2015-09:55

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Monitoring Well

Description : SMBRP-12

Project : Malibu WWTP - Baseline GWM

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>General Mineral</b> <sup>P:15</sup>													
Total Hardness as CaCO3	483	2.5	0.015	mg/L	1	l	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Calcium	81.1	1	0.015	mg/L	1		200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Magnesium	68.3	1	0.0012	mg/L	1	l	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Potassium	29.3	1	0.15	mg/L	1	h	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Sodium	456	1	0.014	mg/L	1		200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Total Cations	30.3	0.1	0.015	meq/L	1	lh	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Boron	0.923	0.05	0.0	mg/L	1	h	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Copper	3.39	10	0.55	ug/L	1	J	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Iron	11.0	50	1.0	ug/L	1	Jh	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Manganese	391	10	0.32	ug/L	1		200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Zinc	5.71	20	0.58	ug/L	1	Jh	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
SAR	9.02	0.1	0.015	--	1	l	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:29AC
Total Alkalinity (as CaCO3)	510	10	1.1	mg/L	1	J	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:28AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:28AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:28AMB
Bicarbonate as HCO3	622	10	1.1	mg/L	1.000	J	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:28AMB
Sulfate	426	10	0.12	mg/L	10		300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/17/15-20:32MCA
Chloride	478	10	0.32	mg/L	10		300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/17/15-20:32MCA
Nitrate as NO3	ND	0.4	0.038	mg/L	1	Ub	300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/17/15-16:15MCA
Nitrite as N	ND	0.1	0.022	mg/L	1	J	300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/17/15-16:15MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>General Mineral</b> <sup>P:15</sup>												
Nitrate + Nitrite as N	ND	0.1	0.038	mg/L	1	Ub	300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:15MCA
Fluoride	0.430	0.1	0.0	mg/L	1		300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:15MCA
Total Anions	32.6	0.1	1.1	meq/L	1.000	Jb	2320B	214605	12/17/15 04:00	2320B	218341-MT201	12/17/15-12:28AMB
pH	7.51	--	0.010	units	1		4500-H B	400049	12/16/15 09:55	4500HB	400049-CL000	12/16/15-09:55Peter
Specific Conductance	3520	1	0.16	umhos/cm	1		2510B	214631	12/17/15 11:04	2510B	218292-EC205	12/17/15-15:04JMG
Total Dissolved Solids	2140	40	5.8	mg/L	1	b	2540CE	214660	12/18/15 14:50	2540C	218462-WT219	12/21/15-10:08CTL
MBAS (foaming agents)	Negative	0.1		mg/L	1	UT	5540C	214946	12/15/15 16:00	5540C	218682-JMG	12/15/15-16:15jmg
Aggressiveness Index	12.5	1	0.010	--	1		4500-H B	400049	12/16/15 09:55	4500HB	400049-CL000	12/16/15-09:55Peter
Langelier Index (20°C)	0.6	1	0.010	--	1	bJ	4500-H B	400049	12/16/15 09:55	4500HB	400049-CL000	12/16/15-09:55Peter
Nitrate Nitrogen	ND	0.1	0.0095	mg/L	1	Ub	300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:15MCA
<b>Metals, Total</b> <sup>P:15</sup>												
Aluminum	0.0146	0.01	0.00014	mg/L	1	P	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Antimony	0.000292	0.001	0.000039	mg/L	1	J	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Arsenic	0.0154	0.002	0.000054	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Barium	0.0681	0.0002	0.000032	mg/L	1	hP	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Cadmium	ND	0.0002	0.000029	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Chromium	0.000652	0.001	0.000028	mg/L	1	J	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Copper	0.00301	0.001	0.000019	mg/L	1	h	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Lead	0.000124	0.0002	0.000012	mg/L	1	J	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Mercury	0.00000760	0.00002	0.000013	mg/L	1	J	7470	214779	12/21/15 10:00	245.1	218521-HG204	12/21/15-15:18AC
Nickel	0.0122	0.001	0.000021	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Selenium	0.00308	0.002	0.00015	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Silver	ND	0.001	0.000012	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Thallium	ND	0.0002	0.000014	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
Chromium III	0.000339	0.001	0.000028	mg/L	1	J	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:48AC
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
BOD	1.7	2	0.19	mg/L	1	Jb	5210B	214596	12/16/15 19:33	5210B	218498-O2202	12/21/15-14:00AMM
Chlorine, Total	0.0721	0.1	0.069	mg/L	1	JT	4500CIG	214581	12/16/15 15:04	4500CIG	218219-UV207	12/16/15-15:11AMM
Chromium VI	0.313	0.1	0.012	ug/L	1	J	218.6	214845	12/17/15 16:57	218.6	218542-IC209	12/18/15-00:04MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
Color	20.0	5	0.0	units	1	T	2120B	214695	12/15/15 15:00	2120B	218362-JMG	12/15/15-15:20jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	Ub	4500CNCE	214755	12/20/15 14:35	4500CNCE	218555-UV207	12/20/15-19:40AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	b	4500NH3G	214975	12/28/15 04:00	4500NH3G	218804-FI207	12/28/15-11:32AMB
Ammonia Nitrogen	6.41	0.2	0.072	mg/L	1		4500NH3G	214975	12/28/15 04:00	4500NH3G	218804-FI207	12/28/15-11:32AMB
Kjeldahl Nitrogen	5.81	0.5	0.32	mg/L	1	b	351.2	214763	12/21/15 08:10	EPA351.2	218532-FI206	12/22/15-04:49AMB
Nitrogen, Total as Nitrogen	5.81	0.5	0.32	mg/L	1	b	351.2	214763	12/21/15 08:10	EPA351.2	218532-FI206	12/22/15-04:49AMB
Nitrate + Nitrite as N	ND	0.1	0.038	mg/L	1	Ub	300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:15MCA
Kjeldahl Nitrogen	5.81	0.5	0.32	mg/L	1	b	351.2	214763	12/21/15 08:10	EPA351.2	218532-FI206	12/22/15-04:49AMB
Odor	4.00	1	0.0	TON	1	T	2150B	214709	12/16/15 08:45	2150B	218378-JMG	12/16/15-15:50jmg
Oil and Grease	ND	3.2	1.5	mg/L	1.0638	U	1664	200141	01/06/16 13:51	1664	200226-WT215	01/07/16-13:52AMM
Phosphorus, Total	1.36	0.1	0.031	mg/L	1	b	4500-P B	214652	12/17/15 15:54	4500PE	218323-UV205	12/18/15-18:27SJM
Solids, Total Suspended (TSS)	3.86	1.1	0.49	mg/L	1.087	b	2540D	214748	12/19/15 09:50	2540D	218444-WT215	12/20/15-13:00jba
Turbidity	13.7	0.2	0.048	NTU	1		2130B	214721	12/17/15 10:27	2130B	218393-TR203	12/18/15-10:30jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	214629	12/17/15 11:25	314.0	218369-IC207	12/18/15-03:51SBL

**DQF Flags Definition:**

- b** The Blank was positive 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** To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.
- 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

January 18, 2016

Lab ID : SP 1514026-002

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : SMBRP-12

Project : Malibu WWTP - Baseline GWM

Sampled On : December 16, 2015-09:55

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Monitoring Well

**Sample Result - Organic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 504.1</b> <sup>VOA:1</sup>													
1,3-Dibromopropane <sup>‡</sup>	80.7	70-130		%	1		504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-01:32SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-01:32SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-01:32SBL
<b>EPA 505</b> <sup>VOA:1</sup>													
Tetrachloro-m-xylene <sup>‡</sup>	80.9	70-130		%	1		505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Alachlor	ND	0.2	0.17	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Chlordane	ND	0.1	0.034	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Dieldrin	ND	0.01	0.0028	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Endrin	ND	0.01	0.0043	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Heptachlor	ND	0.01	0.0038	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	UI	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:02SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 505</b> <sup>VOA:1</sup>												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:02SBL
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:02SBL
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:02SBL
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:02SBL
<b>EPA 507</b> <sup>AGT:1</sup>												
Triphenylphosphate <sup>‡</sup>	66.1	70-130		%	0.96618	L	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Alachlor	ND	0.97	0.16	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Atrazine	ND	0.97	0.14	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Bromacil	ND	1.9	0.12	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Butachlor	ND	0.97	0.21	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Diazinon	ND	1.9	0.18	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Dimethoate	ND	1.9	0.089	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Metolachlor	ND	0.97	0.41	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Metribuzin	ND	0.48	0.24	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Molinate	ND	1.9	0.13	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Prometryne	ND	1.9	0.095	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Propachlor	ND	0.97	0.12	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Simazine	ND	0.97	0.16	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Thiobencarb	ND	0.97	0.15	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
Cyanazine	ND	0.97	0.11	ug/L	0.96618	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-09:27SG
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4-DCAA <sup>‡</sup>	74.7	70-130		%	1		515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:22SG
<b>EPA 524.2</b> <sup>VOA:13</sup>												
4-Bromofluorobenzene <sup>‡</sup>	102	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2-Dichlorobenzene-d4 <sup>‡</sup>	102	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Chlorobenzene	0.230	0.5	0.050	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2-Dichlorobenzene	0.0946	0.5	0.047	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,3-Dichlorobenzene	0.146	0.5	0.044	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,4-Dichlorobenzene	0.200	0.5	0.021	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
cis-1,2-Dichloroethylene	0.258	0.5	0.064	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <small>VOA:13</small>												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Tetrachloroethylene	0.200	0.5	0.098	ug/L	1	J	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <sup>VOA:13</sup>												
Trichloroethylene	0.705	0.5	0.060	ug/L	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-21:39VRG
<b>EPA 531.1</b> <sup>AGT:18</sup>												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
β-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:20SG
<b>EPA 547</b> <sup>AGT:1</sup>												
Glyphosate	ND	20	0.97	ug/L	1	Ub	547	214647	12/17/15 14:50	547	218320-LC204	12/18/15-01:28SG
<b>EPA 548.1</b> <sup>AGT:1</sup>												
Endothall	ND	40	16	ug/L	1	Ub	548.1	214805	12/21/15 15:01	548.1	200072-GC220	01/04/16-22:51SG
<b>EPA 549</b> <sup>AST:1</sup>												
Diquat	ND	2	0.12	ug/L	1	U	549	214727	12/18/15 15:15	549.2	218612-LC204	12/22/15-19:40SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 552.2</b> <sup>AGT:112</sup>												
2,3-Dibromopropionic Acid <sup>†</sup>	84.0	70-130		%	1	f	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
Bromoacetic Acid	0.587	1	0.18	ug/L	1	Jfb	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
Chloroacetic Acid	0.396	2	0.23	ug/L	1	Jf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
Dichloroacetic Acid	0.352	1	0.19	ug/L	1	Jf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
Haloacetic acids (five)	1.34	1	0.18	ug/L	1	Jfb	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:06SBL
<b>EPA 608</b> <sup>AGT:1</sup>												
Tetrachloro-m-xylene <sup>†</sup>	98.9	15-143		%	0.9434		608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
Chlordane	ND	1.9	0.16	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
Toxaphene	ND	1.9	0.18	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1016	ND	0.47	0.10	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1221	ND	0.47	0.084	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1232	ND	0.47	0.19	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1242	ND	0.47	0.11	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1248	ND	0.47	0.064	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1254	ND	0.47	0.13	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
PCB 1260	ND	0.47	0.049	ug/L	0.9434	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-03:15SBL
<b>EPA 624</b> <sup>VOA:13</sup>												
4-Bromofluorobenzene <sup>†</sup>	110	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Fluorobenzene <sup>†</sup>	91.5	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Pentafluorobenzene <sup>†</sup>	96.4	59-151		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Acrolein	ND	5	12	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Bromoform	ND	1	0.077	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 624</b> <small>VOA:13</small>												
Carbon Disulfide	ND	5	0.91	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Chlorobenzene	0.145	0.5	0.021	ug/L	1	Jf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Chloroform	ND	0.5	0.047	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,3-Dichlorobenzene	0.189	0.5	0.071	ug/L	1	Jf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,4-Dichlorobenzene	0.189	0.5	0.11	ug/L	1	Jf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Tetrachloroethylene	0.163	0.5	0.033	ug/L	1	Jf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Trichloroethylene	0.725	0.5	0.069	ug/L	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 624</b> <small>VOA:13</small>													
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Ufh	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-10:42VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Ufh	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-10:42VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Ufh	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-10:42VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-10:42VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-10:42VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-10:42VRG
<b>EPA 625</b> <small>AGT:1</small>													
2-Fluorobiphenyl <sup>†</sup>	74.2	15-91		%	0.9434		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
2-Fluorophenol <sup>†</sup>	70.1	12-86		%	0.9434		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Nitrobenzene-d5 <sup>†</sup>	68.8	9-95		%	0.9434		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Phenol-d6 <sup>†</sup>	69.1	7-77		%	0.9434		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
p-Terphenyl-d14 <sup>†</sup>	90.5	37-100		%	0.9434		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
2,4,6-Tribromophenol <sup>†</sup>	87.0	18-105		%	0.9434		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Acenaphthene	ND	0.94	0.50	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Acenaphthylene	ND	0.94	0.39	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Benzidine	ND	9.4	1.8	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.9434	UH	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.9434	UH	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.9434	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-22:59SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <small>AGT:1</small>												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Chrysene	ND	0.94	0.51	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Diethylphthalate	ND	0.94	0.34	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Dimethylphthalate	ND	0.94	0.31	ug/L	0.9434	UL	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Fluoranthene	ND	0.94	0.44	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Fluorene	ND	0.94	0.62	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Isophorone	ND	0.94	0.41	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Naphthalene	ND	0.94	0.55	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Nitrobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <sup>AGT:1</sup>												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Phenanthrene	ND	0.94	0.50	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Phenol	ND	0.94	0.88	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Pyrene	ND	0.94	0.46	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Pyridine	ND	9.4	0.32	ug/L	0.9434	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.9434	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Aldrin	ND	5	0.91	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Alpha BHC	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Beta BHC	ND	5	1.5	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Delta BHC	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
alpha-Chlordane	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
gamma-Chlordane	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
p,p'-DDD	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
p,p'-DDE	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
p,p'-DDT	ND	5	4.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Dieldrin	ND	5	1.5	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Endosulfan I	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Endosulfan II	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Endosulfan Sulfate	ND	5	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Endrin	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Endrin Aldehyde	ND	5	1.9	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Endrin Ketone	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Heptachlor	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Heptachlor Epoxide	ND	5	0.77	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Lindane (Gamma BHC)	ND	5	3.7	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Methoxychlor	ND	5	0.46	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
cis_Nonachlor	ND	50	1.6	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
o,p - DDD	ND	5	0.54	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
o,p - DDE	ND	5	0.35	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
o,p - DDT	ND	5	0.95	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
trans-Nonachlor	ND	50	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
Tetrachloro-m-xylene <sup>‡</sup>	64.6	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
<b>TOC</b> <sup>AVT:14</sup>												
TOC	1.97	0.5	0.15	mg/L	1	fl	5310C	214953	12/24/15 11:58	5310C	218763-TC203	12/27/15-18:51AMM

**DQF Flags Definition:**

- b The Blank was positive 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.
- l The MS/MSD did not meet QC criteria.
- 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.
- 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: Monochloroacetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

January 18, 2016

Lab ID : SP 1514026-002

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : SMBRP-12

Project : Malibu WWTP - Baseline GWM

Sampled On : December 16, 2015-09:55

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Monitoring Well

**Sample Result - Radio**

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
<b>Radio Chemistry</b> <sup>P:1</sup>											
Gross Alpha	0.135 ± 2.31	3.84	pCi/L	15		900.0	214870	12/23/15 07:45	900.0	218149-GP215	01/08/16-13:00caa
Gross Beta	14.1 ± 2.92	2.53	pCi/L	50		900.0	214870	12/23/15 07:45	900.0	218810-GP219	12/28/15-11:00caa
Strontium 90	0.000 ± 0.613	0.682	pCi/L	8		905.0	214666	12/17/15 18:30	905.0	218744-GP218	12/22/15-13:00caa
Total Alpha Radium (226)	0.146 ± 0.262	0.470	pCi/L	3		903.0	214952	12/24/15 11:30	903.0	200252-GP216	12/29/15-10:00emv
Tritium	77.2 ± 268	434	pCi/L	20000		906.0	214760	12/21/15 07:40	906.0	218552-LS201	12/22/15-02:00caa
Uranium	0.000 ± 0.607	0.300	pCi/L	20		908.0	214961	12/28/15 07:00	908.0	218809-GP220	12/28/15-17:21caa
Ra 228	0.000 ± 0.492	0.253	pCi/L	2		Ra - 05	214817	12/28/15 17:30	Ra - 05	200182-GP218	01/02/16-12:50emv

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.

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.

January 18, 2016

Lab ID : SP 1514026-003

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW09

Project : Malibu WWTP - Baseline GWM

Sampled On : December 16, 2015-08:50

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Monitoring Well

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>General Mineral</b> <sup>P:15</sup>													
Total Hardness as CaCO3	562	2.5	0.015	mg/L	1	l	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Calcium	92.4	1	0.015	mg/L	1		200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Magnesium	80.6	1	0.0012	mg/L	1	l	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Potassium	14.0	1	0.15	mg/L	1	h	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Sodium	572	1	0.014	mg/L	1		200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Total Cations	36.5	0.1	0.015	meq/L	1	lh	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Boron	0.740	0.05	0.0	mg/L	1	h	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Copper	1.47	10	0.55	ug/L	1	J	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Iron	4.22	50	1.0	ug/L	1	Jh	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Manganese	149	10	0.32	ug/L	1		200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Zinc	1.71	20	0.58	ug/L	1	Jh	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
SAR	10.5	0.1	0.015	--	1	l	200.7	215015	12/28/15	14:30	200.7	218813-IT204	12/28/15-17:50AC
Total Alkalinity (as CaCO3)	325	10	1.1	mg/L	1	J	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:42AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:42AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:42AMB
Bicarbonate as HCO3	396	10	1.1	mg/L	1.000	J	2320B	214605	12/17/15	04:00	2320B	218341-MT201	12/17/15-12:42AMB
Sulfate	590	15	0.12	mg/L	15		300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/18/15-07:15MCA
Chloride	723	15	0.32	mg/L	15		300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/18/15-07:15MCA
Nitrate as NO3	ND	0.4	0.038	mg/L	1	Ub	300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/17/15-16:36MCA
Nitrite as N	0.0300	0.1	0.022	mg/L	1	J	300.0	214797	12/17/15	12:30	300.0	218496-IC210	12/17/15-16:36MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>General Mineral</b> <sup>P:15</sup>												
Nitrate + Nitrite as N	ND	0.1	0.038	mg/L	1	Ub	300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:36MCA
Fluoride	0.465	0.1	0.0	mg/L	1		300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:36MCA
Total Anions	39.2	0.1	1.1	meq/L	1.000	Jb	2320B	214605	12/17/15 04:00	2320B	218341-MT201	12/17/15-12:42AMB
pH	7.06	--	0.010	units	1		4500-H B	400049	12/16/15 08:50	4500HB	400049-CL000	12/16/15-08:50Peter
Specific Conductance	4150	1	0.16	umhos/cm	1		2510B	214631	12/17/15 11:04	2510B	218292-EC205	12/17/15-15:04JMG
Total Dissolved Solids	2570	68	5.8	mg/L	1.7	b	2540CE	214660	12/18/15 14:50	2540C	218462-WT219	12/21/15-10:07CTL
MBAS (foaming agents)	Negative	0.1		mg/L	1	UT	5540C	214946	12/15/15 16:00	5540C	218682-JMG	12/15/15-16:15jmg
Aggressiveness Index	11.9	1	0.010	--	1		4500-H B	400049	12/16/15 08:50	4500HB	400049-CL000	12/16/15-08:50Peter
Langelier Index (20°C)	-0.02	1	0.010	--	1	bJ	4500-H B	400049	12/16/15 08:50	4500HB	400049-CL000	12/16/15-08:50Peter
Nitrate Nitrogen	ND	0.1	0.0095	mg/L	1	Ub	300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:36MCA
<b>Metals, Total</b> <sup>P:15</sup>												
Aluminum	0.244	0.01	0.00014	mg/L	1	P	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Antimony	0.000233	0.001	0.000039	mg/L	1	J	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Arsenic	0.00331	0.002	0.000054	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Barium	0.0278	0.0002	0.000032	mg/L	1	hP	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Cadmium	0.0000400	0.0002	0.000029	mg/L	1	J	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Chromium	0.00226	0.001	0.000028	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Copper	0.00438	0.001	0.000019	mg/L	1	h	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Lead	0.000289	0.0002	0.000012	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Mercury	0.00000558	0.00002	0.000013	mg/L	1	J	7470	214779	12/21/15 10:00	245.1	218521-HG204	12/21/15-15:22AC
Nickel	0.00426	0.001	0.000021	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Selenium	0.00439	0.002	0.00015	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Silver	ND	0.001	0.000012	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Thallium	ND	0.0002	0.000014	mg/L	1	U	3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
Chromium III	0.00174	0.001	0.000028	mg/L	1		3010	214884	12/23/15 04:00	200.8	218470-IX202	12/27/15-17:54AC
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
BOD	1.2	2	0.19	mg/L	1	Jb	5210B	214596	12/16/15 19:36	5210B	218498-O2202	12/21/15-14:00AMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	214581	12/16/15 15:04	4500CIG	218219-UV207	12/16/15-15:12AMM
Chromium VI	0.521	0.1	0.012	ug/L	1		218.6	214845	12/17/15 16:57	218.6	218542-IC209	12/18/15-00:15MCA

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>AGT:1</sup>												
Color	<5.00	5	0.0	units	1	UT	2120B	214695	12/15/15 15:00	2120B	218362-JMG	12/15/15-15:20jmg
Cyanide, Total	ND	0.01	0.0023	mg/L	1	Ub	4500CNCE	214755	12/20/15 14:35	4500CNCE	218555-UV207	12/20/15-19:40AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	b	4500NH3G	214975	12/28/15 04:00	4500NH3G	218804-FI207	12/28/15-11:34AMB
Ammonia Nitrogen	2.26	0.2	0.072	mg/L	1		4500NH3G	214975	12/28/15 04:00	4500NH3G	218804-FI207	12/28/15-11:34AMB
Kjeldahl Nitrogen	1.41	0.5	0.32	mg/L	1	b	351.2	214763	12/21/15 08:10	EPA351.2	218532-FI206	12/22/15-04:50AMB
Nitrogen, Total as Nitrogen	1.41	0.5	0.32	mg/L	1	b	351.2	214763	12/21/15 08:10	EPA351.2	218532-FI206	12/22/15-04:50AMB
Nitrate + Nitrite as N	ND	0.1	0.038	mg/L	1	Ub	300.0	214797	12/17/15 12:30	300.0	218496-IC210	12/17/15-16:36MCA
Kjeldahl Nitrogen	1.41	0.5	0.32	mg/L	1	b	351.2	214763	12/21/15 08:10	EPA351.2	218532-FI206	12/22/15-04:50AMB
Odor	4.00	1	0.0	TON	1	T	2150B	214709	12/16/15 08:45	2150B	218378-JMG	12/16/15-15:50jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.087	U	1664	200141	01/06/16 13:51	1664	200226-WT215	01/07/16-13:52AMM
Phosphorus, Total	0.218	0.1	0.031	mg/L	1	b	4500-P B	214652	12/17/15 15:54	4500PE	218323-UV205	12/18/15-18:28SJM
Solids, Total Suspended (TSS)	15.8	1.1	0.49	mg/L	1.0526	b	2540D	214748	12/19/15 09:50	2540D	218444-WT215	12/20/15-13:00jba
Turbidity	4.80	0.2	0.048	NTU	1		2130B	214721	12/17/15 10:27	2130B	218393-TR203	12/18/15-10:30jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	214629	12/17/15 11:25	314.0	218369-IC207	12/18/15-04:14SBL

**DQF Flags Definition:**

- b** The Blank was positive 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** To indicate that result is estimated in cases where result less than PQL; or estimated due to RPD failure.
- 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

January 18, 2016

Lab ID : SP 1514026-003

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 16, 2015-08:50

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Monitoring Well

Description : MCWP-MW09

Project : Malibu WWTP - Baseline GWM

**Sample Result - Organic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 504.1</b> <sup>VOA:1</sup>													
1,3-Dibromopropane <sup>‡</sup>	100	70-130		%	1		504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-02:06SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-02:06SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	214903	12/23/15	14:45	504.1	218690-GC216	12/24/15-02:06SBL
<b>EPA 505</b> <sup>VOA:1</sup>													
Tetrachloro-m-xylene <sup>‡</sup>	84.9	70-130		%	1		505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Alachlor	ND	0.2	0.17	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Chlordane	ND	0.1	0.034	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Dieldrin	ND	0.01	0.0028	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Endrin	ND	0.01	0.0043	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Heptachlor	ND	0.01	0.0038	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	UI	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	214638	12/17/15	16:50	505	218312-GC215	12/18/15-05:39SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 505</b> <sup>VOA:1</sup>												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:39SBL
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:39SBL
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:39SBL
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	214638	12/17/15 16:50	505	218312-GC215	12/18/15-05:39SBL
<b>EPA 507</b> <sup>AGT:1</sup>												
Triphenylphosphate <sup>‡</sup>	67.1	70-130		%	0.95694	L	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Alachlor	ND	0.96	0.16	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Atrazine	ND	0.96	0.14	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Bromacil	ND	1.9	0.12	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Butachlor	ND	0.96	0.21	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Diazinon	ND	1.9	0.18	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Dimethoate	ND	1.9	0.089	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Metolachlor	ND	0.96	0.41	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Metribuzin	ND	0.48	0.24	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Molinate	ND	1.9	0.13	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Prometryne	ND	1.9	0.095	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Propachlor	ND	0.96	0.12	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Simazine	ND	0.96	0.16	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Thiobencarb	ND	0.96	0.15	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
Cyanazine	ND	0.96	0.11	ug/L	0.95694	U	507	214978	12/28/15 14:00	507	218953-GC218	01/01/16-10:04SG
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4-DCAA <sup>‡</sup>	89.7	70-130		%	1		515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
Dicamba	0.498	1	0.29	ug/L	1	J	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 515</b> <sup>AGT:1</sup>												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	214738	12/18/15 16:35	515.3	218619-GC215	12/23/15-01:59SG
<b>EPA 524.2</b> <sup>VOA:13</sup>												
4-Bromofluorobenzene <sup>‡</sup>	100	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2-Dichlorobenzene-d4 <sup>‡</sup>	101	70-130		%	1		524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Bromomethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <small>VOA:13</small>												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 524.2</b> <sup>VOA:13</sup>												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	214428	12/16/15 10:07	524.2	218288-GM215	12/16/15-22:25VRG
<b>EPA 531.1</b> <sup>AGT:18</sup>												
Aldicarb	ND	3	0.15	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
Aldicarb Sulfone	ND	2	0.31	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
Aldicarb Sulfoxide	ND	3	0.68	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
Carbaryl	ND	5	0.36	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
Carbofuran	ND	5	1.1	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
β-Hydroxycarbofuran	ND	10	1.8	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
Methomyl	ND	5	0.56	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
Oxamyl	ND	5	1.4	ug/L	1	U	531.1	214815	12/21/15 14:02	531.1	218524-LC204	12/22/15-03:51SG
<b>EPA 547</b> <sup>AGT:1</sup>												
Glyphosate	ND	20	0.97	ug/L	1	Ub	547	214647	12/17/15 14:50	547	218320-LC204	12/18/15-01:53SG
<b>EPA 548.1</b> <sup>AGT:1</sup>												
Endothall	ND	40	16	ug/L	1	Ub	548.1	214805	12/21/15 15:01	548.1	200072-GC220	01/04/16-23:19SG
<b>EPA 549</b> <sup>AST:1</sup>												
Diquat	ND	2	0.12	ug/L	1	U	549	214727	12/18/15 15:15	549.2	218612-LC204	12/22/15-19:48SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 552.2</b> <small>AGT:112</small>												
2,3-Dibromopropionic Acid <sup>‡</sup>	88.6	70-130		%	1	f	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
Bromoacetic Acid	0.577	1	0.18	ug/L	1	Jfb	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
Chloroacetic Acid	ND	2	0.23	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Uf	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
Haloacetic acids (five)	0.577	1	0.18	ug/L	1	JfbU	552	214728	12/18/15 21:00	552.2	218443-GC219	12/20/15-06:36SBL
<b>EPA 608</b> <small>AGT:1</small>												
Tetrachloro-m-xylene <sup>‡</sup>	86.4	15-143		%	0.97087		608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
Chlordane	ND	1.9	0.16	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
Toxaphene	ND	1.9	0.18	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1016	ND	0.49	0.10	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1221	ND	0.49	0.084	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1232	ND	0.49	0.19	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1242	ND	0.49	0.11	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1248	ND	0.49	0.064	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1254	ND	0.49	0.13	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
PCB 1260	ND	0.49	0.049	ug/L	0.97087	U	608	214766	12/21/15 15:30	608	218887-GC215	12/29/15-04:28SBL
<b>EPA 624</b> <small>VOA:13</small>												
4-Bromofluorobenzene <sup>‡</sup>	111	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Fluorobenzene <sup>‡</sup>	93.6	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Pentafluorobenzene <sup>‡</sup>	97.9	59-151		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Acrolein	ND	5	12	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Bromoform	ND	1	0.077	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 624</b> <small>VOA:13</small>												
Carbon Disulfide	ND	5	0.91	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Chlorobenzene	ND	0.5	0.021	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	Ufh	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Chloroform	ND	0.5	0.047	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,3-Dichlorobenzene	ND	0.5	0.071	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,4-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Tetrachloroethylene	ND	0.5	0.033	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Trichloroethylene	ND	0.5	0.069	ug/L	1	Uf	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis			
							Method	ID	Time	Method	ID	Time	
<b>EPA 624</b> <sup>VOA:13</sup>													
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Ufh	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-11:09VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Ufh	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-11:09VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Ufh	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-11:09VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-11:09VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-11:09VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	214909	12/18/15	04:00	624	218636-GM214	12/18/15-11:09VRG
<b>EPA 625</b> <sup>AGT:1</sup>													
2-Fluorobiphenyl <sup>†</sup>	81.1	15-91		%	0.95694		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
2-Fluorophenol <sup>†</sup>	63.1	12-86		%	0.95694		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Nitrobenzene-d5 <sup>†</sup>	79.1	9-95		%	0.95694		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Phenol-d6 <sup>†</sup>	73.6	7-77		%	0.95694		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
p-Terphenyl-d14 <sup>†</sup>	101	37-100		%	0.95694	H	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
2,4,6-Tribromophenol <sup>†</sup>	71.7	18-105		%	0.95694		625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Acenaphthene	ND	0.96	0.50	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Acenaphthylene	ND	0.96	0.39	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Anthracene	ND	0.96	0.43	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Benzidine	ND	9.6	1.8	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Benzo(a)anthracene	ND	0.96	0.43	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Benzo(b)fluoranthene	ND	0.96	0.37	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Benzo(k)fluoranthene	ND	0.96	0.50	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Benzo(g,h,i)perylene	ND	0.96	0.40	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Benzo(a)pyrene	ND	0.96	0.40	ug/L	0.95694	UH	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
4-Bromophenylphenylether	ND	0.96	0.46	ug/L	0.95694	UH	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
bis(2-Chloroethoxy)methane	ND	0.96	0.56	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
bis(2-Chloroethyl)ether	ND	0.96	0.52	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
bis(2-Chloroisopropyl)ether	ND	0.96	0.53	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL
2-Chloronaphthalene	ND	0.96	0.63	ug/L	0.95694	U	625	214854	12/22/15	15:30	625	200567-GM213	01/13/16-23:51SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <small>AGT:1</small>												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
4-Chlorophenylphenylether	ND	0.96	0.62	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Chrysene	ND	0.96	0.51	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Dibenzo(a,h)anthracene	ND	0.96	0.37	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
1,2-Dichlorobenzene	ND	0.96	0.47	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
1,3-Dichlorobenzene	ND	0.96	0.45	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
1,4-Dichlorobenzene	ND	0.96	0.47	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
3,3'-Dichlorobenzidine	ND	0.96	0.43	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Diethylphthalate	ND	0.96	0.34	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Dimethylphthalate	ND	0.96	0.31	ug/L	0.95694	UL	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
4,6-Dinitro-2-methylphenol	ND	0.96	0.43	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,4-Dinitrophenol	ND	4.8	0.22	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,4-Dinitrotoluene	ND	0.96	0.49	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,6-Dinitrotoluene	ND	0.96	0.55	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Di-n-octylphthalate	ND	0.96	0.31	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Fluoranthene	ND	0.96	0.44	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Fluorene	ND	0.96	0.62	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Hexachlorobenzene	ND	0.96	0.47	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Hexachlorobutadiene	ND	0.96	0.45	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Hexachlorocyclopentadiene	ND	0.96	0.24	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Hexachloroethane	ND	0.96	0.43	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Indeno(1,2,3-c,d)pyrene	ND	0.96	0.38	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Isophorone	ND	0.96	0.41	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Naphthalene	ND	0.96	0.55	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Nitrobenzene	ND	0.96	0.47	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2-Nitrophenol	ND	1.9	1.1	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
4-Nitrophenol	ND	1.9	1.1	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625</b> <sup>AGT:1</sup>												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
N-Nitrosodiphenylamine	ND	0.96	0.74	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
N-Nitrosodi-n-propylamine	ND	0.96	0.53	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Pentachlorophenol	ND	1.9	0.91	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Phenanthrene	ND	0.96	0.50	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Phenol	ND	0.96	0.88	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Pyrene	ND	0.96	0.46	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Pyridine	ND	9.6	0.32	ug/L	0.95694	UH	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
1,2,4-Trichlorobenzene	ND	0.96	0.48	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,4,6-Trichlorophenol	ND	0.96	0.90	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
1,2-Diphenylhydrazine	ND	0.96	0.47	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.95694	U	625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Aldrin	ND	5	0.91	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Alpha BHC	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Beta BHC	ND	5	1.5	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Delta BHC	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
alpha-Chlordane	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
gamma-Chlordane	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
p,p'-DDD	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
p,p'-DDE	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
p,p'-DDT	ND	5	4.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Dieldrin	ND	5	1.5	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Endosulfan I	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Endosulfan II	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Endosulfan Sulfate	ND	5	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Endrin	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Endrin Aldehyde	ND	5	1.9	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Endrin Ketone	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Heptachlor	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG

### Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>EPA 625 Pest</b> <sup>AGT:1</sup>												
Heptachlor Epoxide	ND	5	0.77	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Lindane (Gamma BHC)	ND	5	3.7	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Methoxychlor	ND	5	0.46	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
cis_Nonachlor	ND	50	1.6	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
o,p - DDD	ND	5	0.54	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
o,p - DDE	ND	5	0.35	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
o,p - DDT	ND	5	0.95	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
trans-Nonachlor	ND	50	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
Tetrachloro-m-xylene <sup>‡</sup>	74.5	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
<b>TOC</b> <sup>AVT:14</sup>												
TOC	0.467	0.5	0.15	mg/L	1	Jfl	5310C	214953	12/24/15 11:58	5310C	218763-TC203	12/27/15-19:45AMM

**DQF Flags Definition:**

- b The Blank was positive 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.
- l The MS/MSD did not meet QC criteria.
- 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.
- 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: Monochloroacetic Buffer, NH4Cl, H2SO4 pH < 2, HCl pH < 2 ‡Surrogate.

January 18, 2016

Lab ID : SP 1514026-003

Customer ID : 2-25173

**Rincon Consultants, Inc.**

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW09

Project : Malibu WWTP - Baseline GWM

Sampled On : December 16, 2015-08:50

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Monitoring Well

**Sample Result - Radio**

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis			
						Method	ID	Time	Method	ID	Time	
<b>Radio Chemistry</b> <sup>P:1</sup>												
Gross Alpha	0.000 ± 2.75	4.62	pCi/L	15		900.0	214870	12/23/15 07:45	900.0	218149-GP215	01/08/16-15:00caa	
Gross Beta	11.9 ± 2.80	2.53	pCi/L	50		900.0	214870	12/23/15 07:45	900.0	218810-GP219	12/28/15-13:00caa	
Strontium 90	0.500 ± 0.715	0.682	pCi/L	8		905.0	214666	12/17/15 18:30	905.0	218744-GP218	12/22/15-13:20caa	
Total Alpha Radium (226)	0.029 ± 0.236	0.470	pCi/L	3		903.0	214952	12/24/15 11:30	903.0	200252-GP216	12/29/15-10:20emv	
Tritium	79.0 ± 268	434	pCi/L	20000		906.0	214760	12/21/15 07:40	906.0	218552-LS201	12/22/15-03:00caa	
Uranium	2.08 ± 1.16	0.300	pCi/L	20		908.0	214961	12/28/15 07:00	908.0	218809-GP220	12/28/15-17:46caa	
Ra 228	0.000 ± 0.427	0.200	pCi/L	2		Ra - 05	214817	12/28/15 17:30	Ra - 05	200185-GP219	01/02/16-12:30emv	

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.

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.

January 18, 2016  
**Rincon Consultants, Inc.**

Lab ID : SP 1514026  
 Customer : 2-25173

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,2-Dibromoethane(EDB)	504	12/23/15:214903SBL  (STK1553740-001)	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2583	99.5 %	70-130	
			LCS	ug/L	0.2648	106 %	70-130	
			MS	ug/L	0.2482	130 %	70-130	
			MSD	ug/L	0.2518	102 %	70-130	
			MSRPD	ug/L	0.5909	23.0%	≤30	
1,3-Dibromopropane	504	12/23/15:214903SBL  (STK1553740-001)	Blank	ug/L	0.5895	97.1 %	70-130	
			LCS	ug/L	0.6062	98.6 %	70-130	
			LCS	ug/L	0.6215	97.8 %	70-130	
			MS	ug/L	0.5827	105 %	70-130	
			MSD	ug/L	0.5909	96.3 %	70-130	
			MSRPD	ug/L	0.5909	7.3%	≤30	
DBCP	504	12/23/15:214903SBL  (STK1553740-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2583	95.4 %	70-130	
			LCS	ug/L	0.2648	99.3 %	70-130	
			MS	ug/L	0.2482	111 %	70-130	
			MSD	ug/L	0.2518	102 %	70-130	
			MSRPD	ug/L	0.5909	7.5%	≤30	
13DBP	504.1	12/24/15:218690SBL	CCV	ug/L	7.481	98.1 %	70-130	
			CCV	ug/L	9.975	105 %	70-130	
DBCP	504.1	12/24/15:218690SBL	CCV	ug/L	2.000	95.5 %	70-130	
			CCV	ug/L	5.000	100 %	70-130	
EDB	504.1	12/24/15:218690SBL	CCV	ug/L	2.000	98.0 %	70-130	
			CCV	ug/L	5.000	105 %	70-130	
Alachlor	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.858	103 %	82-127	
			MS	ug/L	5.857	96.8 %	90-119	
			MSD	ug/L	5.874	90.3 %	90-119	
	MSRPD	ug/L	1.176	6.7%	≤28.7			
	505	12/18/15:218312SBL	CCV	ug/L	100.0	109 %	70-130	
Aldrin	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.075	
			LCS	ug/L	0.5858	111 %	83-131	
			MS	ug/L	0.5857	103 %	0-196	
			MSD	ug/L	0.5874	100 %	0-196	
	MSRPD	ug/L	1.176	2.8%	≤50.6			
	505	12/18/15:218312SBL	CCV	ug/L	10.00	111 %	70-130	
Chlordane	505	12/17/15:214638SBL	CCV	ug/L	10.00	102 %	70-130	
			CCV	ug/L	10.00	102 %	70-130	
Dieldrin	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	111 %	89-116	
			MS	ug/L	0.5857	104 %	89-115	
			MSD	ug/L	0.5874	91.6 %	89-115	
	MSRPD	ug/L	1.176	12.7%	≤5.55	435		
	505	12/18/15:218312SBL	CCV	ug/L	10.00	118 %	70-130	
Endrin	505	12/17/15:214638SBL  (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	107 %	77-119	
			MS	ug/L	0.5857	98.1 %	74-114	
			MSD	ug/L	0.5874	82.5 %	74-114	
	MSRPD	ug/L	1.176	17.0%	≤8.81	435		
	505	12/18/15:218312SBL	CCV	ug/L	10.00	112 %	70-130	
Heptachlor	505	12/17/15:214638SBL	CCV	ug/L	10.00	88.4 %	70-130	
			CCV	ug/L	10.00	88.4 %	70-130	
Heptachlor	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	116 %	84-128	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Heptachlor	505	(SP 1513908-001)	MS	ug/L	0.5857	110 %	87-124	
			MSD	ug/L	0.5874	103 %	87-124	
			MSRPD	ug/L	1.176	6.3%	≤11.9	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	120 %	70-130	
			CCV	ug/L	10.00	104 %	70-130	
Heptachlor Epoxide	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	86.1 %	85-123	
			MS	ug/L	0.5857	79.9 %	90-116	435
			MSD	ug/L	0.5874	71.2 %	90-116	435
			MSRPD	ug/L	1.176	11.3%	≤8.09	435
	505	12/18/15:218312SBL	CCV	ug/L	10.00	91.6 %	70-130	
			CCV	ug/L	10.00	76.7 %	70-130	
Hexachlorobenzene	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	117 %	82-129	
			MS	ug/L	0.5857	111 %	90-119	
			MSD	ug/L	0.5874	108 %	90-119	
			MSRPD	ug/L	1.176	2.7%	≤10.8	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	120 %	70-130	
			CCV	ug/L	10.00	106 %	70-130	
Hexachlorocyclopentadiene	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5858	112 %	56-175	
			MS	ug/L	0.5857	98.0 %	50-190	
			MSD	ug/L	0.5874	97.8 %	50-190	
			MSRPD	ug/L	1.176	0.1%	≤16.7	
	505	12/18/15:218312SBL	CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	10.00	94.2 %	70-130	
Lindane	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5858	108 %	59-155	
			MS	ug/L	0.5857	101 %	45-167	
			MSD	ug/L	0.5874	94.9 %	45-167	
			MSRPD	ug/L	1.176	6.0%	≤4.98	435
	505	12/18/15:218312SBL	CCV	ug/L	10.00	114 %	70-130	
			CCV	ug/L	10.00	96.9 %	70-130	
Methoxychlor	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.929	89.9 %	82-126	
			MS	ug/L	2.928	85.8 %	62-134	
			MSD	ug/L	2.937	65.9 %	62-134	
			MSRPD	ug/L	1.176	25.9%	≤7.94	435
	505	12/18/15:218312SBL	CCV	ug/L	50.00	97.0 %	70-130	
			CCV	ug/L	50.00	71.6 %	70-130	
PCB 1016/1242 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1242	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L	1.210	97.6 %	70-130	
			LCS	ug/L	1.173	101 %	70-130	
			MS	ug/L	1.172	93.1 %	N/A	
			MSD	ug/L	1.176	82.3 %	N/A	
			MSRPD	ug/L	1.176	11.9%	≤30.0	
	505	12/18/15:218312SBL	CCV	ug/L	20.02	108 %	70-130	
			CCV	ug/L	20.02	96.2 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Toxaphene	505	12/17/15:214638SBL	Blank	ug/L		ND	<0.5	
Alachlor	507	01/01/16:218953SG	CCV	ug/L	500.0	95.6 %	80-120	
			CCV	ug/L	1000	98.8 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	83.0 %	70-130	
			MS	ug/L	2.370	102 %	47-147	
			MSD	ug/L	2.358	77.0 %	47-147	
			MSRPD	ug/L	2.358	0.59	<1	
Atrazine	507	01/01/16:218953SG	CCV	ug/L	500.0	102 %	80-120	
			CCV	ug/L	1000	106 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	109 %	70-130	
			MS	ug/L	2.370	128 %	52-154	
			MSD	ug/L	2.358	101 %	52-154	
			MSRPD	ug/L	2.358	22.4%	≤29.4	
Bromacil	507	01/01/16:218953SG	CCV	ug/L	500.0	93.2 %	80-120	
			CCV	ug/L	1000	100 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	88.7 %	70-130	
			MS	ug/L	2.370	165 %	38-170	
			MSD	ug/L	2.358	107 %	38-170	
			MSRPD	ug/L	2.358	1.4	≤2	
Butachlor	507	01/01/16:218953SG	CCV	ug/L	500.0	85.9 %	80-120	
			CCV	ug/L	1000	95.3 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	80.9 %	70-130	
			MS	ug/L	2.370	73.6 %	37-150	
			MSD	ug/L	2.358	58.5 %	37-150	
			MSRPD	ug/L	2.358	0.36	≤0.38	
Cyanazine	507	01/01/16:218953SG	CCV	ug/L	500.0	91.9 %	80-120	
			CCV	ug/L	1000	98.4 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	85.0 %	70-130	
			MS	ug/L	2.370	84.8 %	41-152	
			MSD	ug/L	2.358	62.3 %	41-152	
			MSRPD	ug/L	2.358	0.54	≤0.5	435
Diazinon	507	01/01/16:218953SG	CCV	ug/L	500.0	98.6 %	80-120	
			CCV	ug/L	1000	101 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	77.6 %	70-130	
			MS	ug/L	2.370	96.1 %	56-128	
			MSD	ug/L	2.358	64.3 %	56-128	
			MSRPD	ug/L	2.358	0.76	≤2	
Dimethoate	507	01/01/16:218953SG	CCV	ug/L	500.0	98.3 %	80-120	
			CCV	ug/L	1000	106 %	80-120	
	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	88.9 %	70-130	
			MS	ug/L	2.370	117 %	49-168	
			MSD	ug/L	2.358	87.2 %	49-168	
			MSRPD	ug/L	2.358	0.73	≤2	
EPN/Triphenylphosphate	507	12/28/15:214978JOM/SL  (VI 1544885-001)	Blank	ug/L	12.50	73.6 %	70-130	
			LCS	ug/L	12.50	70.3 %	70-130	
			MS	ug/L	11.85	53.9 %	70-130	435
			MSD	ug/L	11.79	38.4 %	70-130	435

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
EPN/Triphenylphosphate	507	12/28/15:214978JOM/SL	MSRPD	ug/L	2.358	34.2%	≤30	435
Metolachlor	507	01/01/16:218953SG	CCV	ug/L	500.0	91.1 %	80-120	
			CCV	ug/L	1000	100 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<1	
		(VI 1544885-001)	LCS	ug/L	2.500	87.6 %	70-130	
			MS	ug/L	2.370	98.0 %	45-154	
			MSD	ug/L	2.358	73.1 %	45-154	
			MSRPD	ug/L	2.358	0.60	≤1	
Metribuzin	507	01/01/16:218953SG	CCV	ug/L	500.0	94.6 %	80-120	
			CCV	ug/L	1000	97.8 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<0.5	
		(VI 1544885-001)	LCS	ug/L	2.500	87.6 %	70-130	
			MS	ug/L	2.370	101 %	30-169	
			MSD	ug/L	2.358	70.0 %	30-169	
			MSRPD	ug/L	2.358	0.74	≤0.5	435
Molinate	507	01/01/16:218953SG	CCV	ug/L	500.0	98.2 %	80-120	
			CCV	ug/L	1000	113 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<2	
		(VI 1544885-001)	LCS	ug/L	2.500	118 %	70-130	
			MS	ug/L	2.370	143 %	19-191	
			MSD	ug/L	2.358	103 %	19-191	
			MSRPD	ug/L	2.358	0.98	≤2	
Prometryne	507	01/01/16:218953SG	CCV	ug/L	500.0	93.1 %	80-120	
			CCV	ug/L	1000	102 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<2	
		(VI 1544885-001)	LCS	ug/L	2.500	80.2 %	70-130	
			MS	ug/L	2.370	102 %	44-152	
			MSD	ug/L	2.358	84.2 %	44-152	
			MSRPD	ug/L	2.358	0.43	≤2	
Propachlor	507	01/01/16:218953SG	CCV	ug/L	500.0	109 %	80-120	
			CCV	ug/L	1000	112 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<0.5	
		(VI 1544885-001)	LCS	ug/L	2.500	110 %	70-130	
			MS	ug/L	2.370	151 %	36-179	
			MSD	ug/L	2.358	120 %	36-179	
			MSRPD	ug/L	2.358	23.2%	≤23.2	
Simazine	507	01/01/16:218953SG	CCV	ug/L	500.0	102 %	80-120	
			CCV	ug/L	1000	106 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<0.5	
		(VI 1544885-001)	LCS	ug/L	2.500	112 %	70-130	
			MS	ug/L	2.370	568 %	<¼	
			MSD	ug/L	2.358	192 %	<¼	
			MSRPD	ug/L	2.358	22.7%	≤24.7	
Thiobencarb	507	01/01/16:218953SG	CCV	ug/L	500.0	94.6 %	80-120	
			CCV	ug/L	1000	99.3 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<1	
		(VI 1544885-001)	LCS	ug/L	2.500	82.4 %	70-130	
			MS	ug/L	2.370	99.0 %	50-148	
			MSD	ug/L	2.358	70.9 %	50-148	
			MSRPD	ug/L	2.358	0.67	≤1	
Triphenylphosphate	507	01/01/16:218953SG	CCV	ug/L	2500	80.9 %	80-120	
			CCV	ug/L	7501	82.3 %	80-120	
2,4,5-T	515.3	12/23/15:218619SG	CCV	ug/L	80.00	107 %	70-130	
			CCV	ug/L	40.00	135 %	70-130	360

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 2,4,5-TP (Silvex)	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	114 %	70-130	
			MS	ug/L	4.000	112 %	70-130	
			MSD	ug/L	4.000	118 %	70-130	
			MSRPD	ug/L	20.00	0.23	≤1	
	515.3	12/23/15:218619SG	CCV	ug/L	80.00	120 %	70-130	
			CCV	ug/L	40.00	118 %	70-130	
2,4,5-Trichlorophenoxyacetic A	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	126 %	70-130	
			MS	ug/L	4.000	126 %	70-130	
			MSD	ug/L	4.000	128 %	70-130	
			MSRPD	ug/L	20.00	1.2%	≤30.0	
2,4-D	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	102 %	70-130	
			MS	ug/L	8.000	101 %	70-130	
			MSD	ug/L	8.000	107 %	70-130	
			MSRPD	ug/L	20.00	0.43	≤2	
	515.3	12/23/15:218619SG	CCV	ug/L	160.0	113 %	70-130	
			CCV	ug/L	80.00	108 %	70-130	
2,4-DCAA	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L	20.00	96.9 %	70-130	
			LCS	ug/L	20.00	72.6 %	70-130	
			MS	ug/L	20.00	70.3 %	N/A	
			MSD	ug/L	20.00	76.1 %	N/A	
			MSRPD	ug/L	20.00	7.9%	≤30.	
	515.3	12/23/15:218619SG	CCV	ug/L	400.0	84.9 %	70-130	
			CCV	ug/L	200.0	75.1 %	70-130	
Bentazon	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	96.1 %	70-130	
			MS	ug/L	8.000	102 %	70-130	
			MSD	ug/L	8.000	106 %	70-130	
			MSRPD	ug/L	20.00	0.30	≤2	
	515.3	12/23/15:218619SG	CCV	ug/L	160.0	118 %	70-130	
			CCV	ug/L	80.00	113 %	70-130	
Dalapon	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	96.6 %	70-130	
			MS	ug/L	52.00	65.1 %	70-130	435
			MSD	ug/L	52.00	97.5 %	70-130	
			MSRPD	ug/L	20.00	17	≤10	435
	515.3	12/23/15:218619SG	CCV	ug/L	1040	90.3 %	70-130	
			CCV	ug/L	520.0	98.0 %	70-130	
Dicamba	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	118 %	70-130	
			MS	ug/L	4.000	115 %	70-130	
			MSD	ug/L	4.000	120 %	70-130	
			MSRPD	ug/L	20.00	0.20	≤1	
	515.3	12/23/15:218619SG	CCV	ug/L	80.00	127 %	70-130	
			CCV	ug/L	40.00	118 %	70-130	
Dinoseb	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	95.6 %	70-130	
			MS	ug/L	8.000	96.3 %	70-130	
			MSD	ug/L	8.000	115 %	70-130	
			MSRPD	ug/L	20.00	17.9%	≤30.0	
	515.3	12/23/15:218619SG	CCV	ug/L	160.0	123 %	70-130	
			CCV	ug/L	80.00	110 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Pentachlorophenol	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<0.2	435
			LCS	ug/L	4.000	127 %	70-130	
			MS	ug/L	4.000	125 %	70-130	
			MSD	ug/L	4.000	131 %	70-130	
	MSRPD	ug/L	20.00	4.2%	≤30.0			
	515.3	12/23/15:218619SG	CCV	ug/L	80.00	125 %	70-130	
			CCV	ug/L	40.00	129 %	70-130	
Picloram	515.3	12/18/15:214738SG  (SP 1513871-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	80.4 %	70-130	
			MS	ug/L	4.000	84.4 %	70-130	
			MSD	ug/L	4.000	89.0 %	70-130	
	MSRPD	ug/L	20.00	0.18	≤1			
	515.3	12/23/15:218619SG	CCV	ug/L	80.00	93.3 %	70-130	
			CCV	ug/L	40.00	79.6 %	70-130	
1,1,1,2-Tetrachloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	12-178	
			MSD	ug/L	10.00	91.5 %	12-178	
			MSRPD	ug/L	10.00	33.9%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	88.9 %	12-178	
			MSD	ug/L	10.00	145 %	12-178	
MSRPD			ug/L	10.00	47.9%	≤39		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	99.2 %	70-130		
1,1,1-Trichloroethane(TCA)	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	9-176	
			MSD	ug/L	10.00	101 %	9-176	
			MSRPD	ug/L	10.00	24.9%	≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	92.7 %	9-176	
			MSD	ug/L	10.00	150 %	9-176	
MSRPD			ug/L	10.00	47.2%	≤33		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130		
1,1,2,2-Tetrachloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	23-180	
			MSD	ug/L	10.00	99.7 %	23-180	
			MSRPD	ug/L	10.00	19.3%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	85.6 %	23-180	
			MSD	ug/L	10.00	140 %	23-180	
MSRPD			ug/L	10.00	48.3%	≤34		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	104 %	70-130		
1,1,2-Trichloroethane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	122 %	25-173	
			MSD	ug/L	10.00	96.9 %	25-173	
			MSRPD	ug/L	10.00	23.3%	≤29	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	133 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	360
			MS	ug/L	10.00	86.0 %	25-173	
			MSD	ug/L	10.00	138 %	25-173	
MSRPD			ug/L	10.00	46.7%	≤29		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
Organic 1,1-Dichloroethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5		
			MS	ug/L	10.00	110 %	15-161		
			MSD	ug/L	10.00	84.9 %	15-161		
			MSRPD	ug/L	10.00	25.7%	≤36		
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	110 %	70-130		
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
			MS	ug/L	10.00	83.3 %	15-161		
			MSD	ug/L	10.00	132 %	15-161		
			MSRPD	ug/L	10.00	45.1%	≤36	435	
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	97.7 %	70-130		
	1,1-Dichloroethylene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
				MS	ug/L	10.00	103 %	0-162	
MSD				ug/L	10.00	70.1 %	0-162		
MSRPD				ug/L	10.00	38.3%	≤33	435	
524.2		12/16/15:218288VRG	CCV	ug/L	10.00	99.3 %	70-130		
524.2		12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
			MS	ug/L	10.00	90.5 %	0-162		
			MSD	ug/L	10.00	139 %	0-162		
			MSRPD	ug/L	10.00	42.2%	≤33	435	
524.2		12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
1,1-Dichloropropene		524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
				MS	ug/L	10.00	119 %	0-171	
	MSD			ug/L	10.00	91.6 %	0-171		
	MSRPD			ug/L	10.00	26.3%	≤31		
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	110 %	70-130		
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
			MS	ug/L	10.00	86.9 %	0-171		
			MSD	ug/L	10.00	137 %	0-171		
			MSRPD	ug/L	10.00	44.9%	≤31	435	
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	92.6 %	70-130		
	1,2,3-Trichlorobenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
				MS	ug/L	10.00	147 %	14-181	
MSD				ug/L	10.00	88.9 %	14-181		
MSRPD				ug/L	10.00	49.5%	≤34	435	
524.2		12/16/15:218288VRG	CCV	ug/L	10.00	112 %	70-130		
524.2		12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
			MS	ug/L	10.00	91.4 %	14-181		
			MSD	ug/L	10.00	141 %	14-181		
			MSRPD	ug/L	10.00	42.5%	≤34	435	
524.2		12/17/15:218598VRG	CCV	ug/L	10.00	91.6 %	70-130		
1,2,4-Trichlorobenzene		524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
				MS	ug/L	10.00	146 %	10-180	
	MSD			ug/L	10.00	92.0 %	10-180		
	MSRPD			ug/L	10.00	45.2%	≤32	435	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	113 %	70-130		
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
			MS	ug/L	10.00	92.1 %	10-180		
			MSD	ug/L	10.00	135 %	10-180		
			MSRPD	ug/L	10.00	37.6%	≤32	435	
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	88.8 %	70-130		
	1,2,4-Trimethylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
				MS	ug/L	10.00	123 %	2-192	
MSD				ug/L	10.00	91.7 %	2-192		
MSRPD				ug/L	10.00	29.5%	≤39		

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,2,4-Trimethylbenzene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	68.4 %	2-192	
			MSD	ug/L	10.00	139 %	2-192	435
MSRPD	ug/L	10.00	68.1%	≤39				
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
1,2-Dichlorobenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	134 %	13-191	
			MSD	ug/L	10.00	94.0 %	13-191	435
			MSRPD	ug/L	10.00	35.1%	≤35	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.6 %	13-191	
			MSD	ug/L	10.00	147 %	13-191	435
MSRPD			ug/L	10.00	45.2%	≤35		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	94.6 %	70-130		
1,2-Dichlorobenzene-d4	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L	10.00	97.9 %	70-130	
			MS	ug/L	10.00	112 %	70-130	
			MSD	ug/L	10.00	91.4 %	70-130	
			MSRPD	ug/L	10.00	19.9%	≤20	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	92.5 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L	10.00	100 %	70-130	
			MS	ug/L	10.00	105 %	70-130	
			MSD	ug/L	10.00	117 %	70-130	
MSRPD			ug/L	10.00	11.0%	≤20		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	95.5 %	70-130		
1,2-Dichloroethane (EDC)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	18-162	
			MSD	ug/L	10.00	95.8 %	18-162	
			MSRPD	ug/L	10.00	17.2%	≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	122 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	85.5 %	18-162	
			MSD	ug/L	10.00	130 %	18-162	435
MSRPD			ug/L	10.00	41.1%	≤33		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
1,2-Dichloropropane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	10-163	
			MSD	ug/L	10.00	94.5 %	10-163	
			MSRPD	ug/L	10.00	20.3%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	119 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.2 %	10-163	
			MSD	ug/L	10.00	137 %	10-163	435
MSRPD			ug/L	10.00	45.5%	≤34		
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	97.5 %	70-130		
1,3,5-Trimethylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	131 %	0-210	
			MSD	ug/L	10.00	96.4 %	0-210	
			MSRPD	ug/L	10.00	30.5%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	81.1 %	0-210		
MSD	ug/L	10.00	146 %	0-210				

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,3,5-Trimethylbenzene	524.2	12/17/15:214893VRG	MSRPD	ug/L	10.00	57.3%	≤40	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130	
1,3-Dichlorobenzene	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	138 %	17-182	
			MSD	ug/L	10.00	94.5 %	17-182	
			MSRPD	ug/L	10.00	37.2%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	117 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	
	MS	ug/L	10.00	91.4 %	17-182			
	MSD	ug/L	10.00	151 %	17-182			
	MSRPD	ug/L	10.00	49.3%	≤39			
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	97.5 %	70-130	435
1,3-Dichloropropane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	0-178	
			MSD	ug/L	10.00	101 %	0-178	
			MSRPD	ug/L	10.00	21.5%	≤29	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	138 %	70-130	360
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	
	MS	ug/L	10.00	93.3 %	0-178			
	MSD	ug/L	10.00	144 %	0-178			
	MSRPD	ug/L	10.00	42.5%	≤29			
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	105 %	70-130	435
1,4-Dichlorobenzene	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	141 %	19-183	
			MSD	ug/L	10.00	94.3 %	19-183	
			MSRPD	ug/L	10.00	40.0%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	
	MS	ug/L	10.00	92.5 %	19-183			
	MSD	ug/L	10.00	150 %	19-183			
	MSRPD	ug/L	10.00	47.7%	≤37			
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	97.4 %	70-130	435
2,2-Dichloropropane	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	0-288	
			MSD	ug/L	10.00	97.9 %	0-288	
			MSRPD	ug/L	10.00	19.1%	≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	114 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	
	MS	ug/L	10.00	91.4 %	0-288			
	MSD	ug/L	10.00	140 %	0-288			
	MSRPD	ug/L	10.00	41.8%	≤33			
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	96.4 %	70-130	435
2-Chlorotoluene	524.2	12/16/15:214428VRG  (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	127 %	17-180	
			MSD	ug/L	10.00	99.3 %	17-180	
			MSRPD	ug/L	10.00	24.2%	≤38	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130	
	524.2	12/17/15:214893VRG  (SP 1514065-001)	Blank	ug/L		ND	<0.5	
	MS	ug/L	10.00	90.0 %	17-180			
	MSD	ug/L	10.00	149 %	17-180			
	MSRPD	ug/L	10.00	49.3%	≤38			
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130	435
4-Bromofluorobenzene	524.2	12/16/15:214428VRG	Blank	ug/L	10.00	96.9 %	70-130	
			MS	ug/L	10.00	101 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 4-Bromofluorobenzene	524.2	(CC 1584093-001)	MSD	ug/L	10.00	94.7 %	70-130	
			MSRPD	ug/L	10.00	6.9%	≤30	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L	10.00	102 %	70-130	
			MS	ug/L	10.00	104 %	70-130	
4-Bromofluorobenzene (BFB)	524.2	12/16/15:218288VRG	MSD	ug/L	10.00	106 %	70-130	
			MSRPD	ug/L	10.00	1.8%	≤30	
4-Chlorotoluene	524.2	12/16/15:214428VRG (CC 1584093-001)	CCV	ug/L	10.00	97.8 %	70-130	
			Blank	ug/L	10.00	102 %	70-130	
			MS	ug/L	10.00	104 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	MSD	ug/L	10.00	106 %	70-130	
			MSRPD	ug/L	10.00	1.8%	≤30	
			CCV	ug/L	10.00	97.8 %	70-130	
Benzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	118 %	12-158	
			MSD	ug/L	10.00	93.0 %	12-158	
	524.2	12/17/15:218598VRG	MSRPD	ug/L	10.00	23.7%	≤36	
			CCV	ug/L	10.00	119 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
Bromobenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	MS	ug/L	10.00	88.4 %	12-158	
			MSD	ug/L	10.00	139 %	12-158	
			MSRPD	ug/L	10.00	44.6%	≤36	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	96.1 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	96.7 %	23-177	
Bromochloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	MSD	ug/L	10.00	148 %	23-177	
			MSRPD	ug/L	10.00	41.7%	≤40	435
			CCV	ug/L	10.00	98.4 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	85.4 %	4-186	
			MSD	ug/L	10.00	136 %	4-186	
Bromodichloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	MSRPD	ug/L	10.00	45.9%	≤30	435
			CCV	ug/L	10.00	98.1 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
Bromodichloromethane	524.2	12/16/15:218288VRG	MS	ug/L	10.00	118 %	11-164	
			MSD	ug/L	10.00	93.6 %	11-164	
			MSRPD	ug/L	10.00	23.4%	≤34	
Bromodichloromethane	524.2	12/17/15:214893VRG	CCV	ug/L	10.00	119 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
<b>Organic</b> Bromodichloromethane	524.2	(SP 1514065-001)	MS	ug/L	10.00	82.2 %	11-164	435	
			MSD	ug/L	10.00	128 %	11-164		
			MSRPD	ug/L	10.00	43.5%	≤34		
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	87.6 %	70-130		
Bromoform	524.2	(CC 1584093-001)	Blank	ug/L	10.00	ND	<0.5	435	
			MS	ug/L	10.00	164 %	0-235		
				MSD	ug/L	10.00	118 %	0-235	
				MSRPD	ug/L	10.00	32.8%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	128 %	70-130		
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	435	
		(SP 1514065-001)	MS	ug/L	10.00	78.9 %	0-235		
			MSD	ug/L	10.00	140 %	0-235		
			MSRPD	ug/L	10.00	55.9%	≤39		
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	80.6 %	70-130		
Bromomethane (Methyl Bromide)	524.2	(CC 1584093-001)	Blank	ug/L	10.00	ND	<0.5	435	
			MS	ug/L	10.00	153 %	0-196		
				MSD	ug/L	10.00	100 %	0-196	
				MSRPD	ug/L	10.00	42.1%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	220 %	70-130	360	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	435	
		(SP 1514065-001)	MS	ug/L	10.00	122 %	0-196		
			MSD	ug/L	10.00	251 %	0-196		
			MSRPD	ug/L	10.00	69.3%	≤40		
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	191 %	70-130	360	
Carbon Tetrachloride	524.2	(CC 1584093-001)	Blank	ug/L	10.00	ND	<0.5	435	
			MS	ug/L	10.00	128 %	5-175		
				MSD	ug/L	10.00	96.3 %	5-175	
				MSRPD	ug/L	10.00	28.7%	≤32	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	117 %	70-130		
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	435	
		(SP 1514065-001)	MS	ug/L	10.00	85.1 %	5-175		
			MSD	ug/L	10.00	138 %	5-175		
			MSRPD	ug/L	10.00	47.2%	≤32		
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	91.6 %	70-130		
Chlorobenzene	524.2	(CC 1584093-001)	Blank	ug/L	10.00	ND	<0.5	435	
			MS	ug/L	10.00	135 %	14-175		
				MSD	ug/L	10.00	96.3 %	14-175	
				MSRPD	ug/L	10.00	33.3%	≤35	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	136 %	70-130	360	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	435	
		(SP 1514065-001)	MS	ug/L	10.00	96.7 %	14-175		
			MSD	ug/L	10.00	155 %	14-175		
			MSRPD	ug/L	10.00	46.2%	≤35		
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	107 %	70-130		
Chloroethane (Ethyl Chloride)	524.2	(CC 1584093-001)	Blank	ug/L	10.00	ND	<0.5	435	
			MS	ug/L	10.00	125 %	0-184		
				MSD	ug/L	10.00	95.2 %	0-184	
				MSRPD	ug/L	10.00	27.1%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	176 %	70-130	360	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	435	
		(SP 1514065-001)	MS	ug/L	10.00	110 %	0-184		
			MSD	ug/L	10.00	232 %	0-184		
			MSRPD	ug/L	10.00	71.1%	≤40		
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	186 %	70-130	360	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Chloroform	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	15-163	
			MSD	ug/L	10.00	91.3 %	15-163	
			MSRPD	ug/L	10.00	22.0%	≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	117 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.8 %	15-163	
			MSD	ug/L	10.00	133 %	15-163	
			MSRPD	ug/L	10.00	45.5%	≤36	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	93.2 %	70-130	
Chloromethane(Methyl Chloride)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-224	
			MSD	ug/L	10.00	99.4 %	0-224	
			MSRPD	ug/L	10.00	25.9%	≤39	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	190 %	70-130	360
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.9 %	0-224	
			MSD	ug/L	10.00	217 %	0-224	
			MSRPD	ug/L	10.00	75.6%	≤39	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	159 %	70-130	360
cis-1,2-Dichloroethylene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	120 %	16-172	
			MSD	ug/L	10.00	91.0 %	16-172	
			MSRPD	ug/L	10.00	27.2%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	125 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.8 %	16-172	
			MSD	ug/L	10.00	144 %	16-172	
			MSRPD	ug/L	10.00	44.2%	≤34	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	99.4 %	70-130	
cis-1,3-Dichloropropene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	5-158	
			MSD	ug/L	10.00	103 %	5-158	
			MSRPD	ug/L	10.00	22.1%	≤38	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	135 %	70-130	360
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.2 %	5-158	
			MSD	ug/L	10.00	118 %	5-158	
			MSRPD	ug/L	10.00	44.4%	≤38	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	82.7 %	70-130	
Dibromochloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	160 %	1-180	
			MSD	ug/L	10.00	116 %	1-180	
			MSRPD	ug/L	10.00	32.4%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	154 %	70-130	360
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.3 %	1-180	
			MSD	ug/L	10.00	151 %	1-180	
			MSRPD	ug/L	10.00	48.4%	≤34	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	92.0 %	70-130	
Dibromomethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	115 %	11-168	
			MSD	ug/L	10.00	88.8 %	11-168	
			MSRPD	ug/L	10.00	25.7%	≤28	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Dibromomethane	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	80.6 %	11-168	
			MSD	ug/L	10.00	130 %	11-168	
MSRPD	ug/L	10.00	47.2%	≤28	435			
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	98.2 %	70-130		
Dichlorodifluoromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.9 %	0-334	
			MSD	ug/L	10.00	64.6 %	0-334	
			MSRPD	ug/L	10.00	38.1%	≤39	
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	129 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	57.4 %	0-334		
		MSD	ug/L	10.00	107 %	0-334		
		MSRPD	ug/L	10.00	60.5%	≤39	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	118 %	70-130		
Dichloromethane	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	20-157	
			MSD	ug/L	10.00	85.7 %	20-157	
			MSRPD	ug/L	10.00	32.9%	≤36	
524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5		
524.2	12/17/15:214893VRG (SP 1514065-001)	MS	ug/L	10.00	91.2 %	20-157		
		MSD	ug/L	10.00	143 %	20-157		
		MSRPD	ug/L	10.00	44.0%	≤36	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	142 %	70-130	360	
Ethyl tert-Butyl Ether	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	137 %	11-165	
			MSD	ug/L	10.00	117 %	11-165	
			MSRPD	ug/L	10.00	1.9	≤3	
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	142 %	70-130	360	
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<3		
		MS	ug/L	10.00	98.9 %	11-165		
		MSD	ug/L	10.00	154 %	11-165		
		MSRPD	ug/L	10.00	5.5	≤3	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	121 %	70-130		
Ethylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	131 %	9-174	
			MSD	ug/L	10.00	98.3 %	9-174	
			MSRPD	ug/L	10.00	28.2%	≤37	
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	128 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	90.4 %	9-174		
		MSD	ug/L	10.00	149 %	9-174		
		MSRPD	ug/L	10.00	48.9%	≤37	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
Freon-11	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	146 %	0-232	
			MSD	ug/L	10.00	104 %	0-232	
			MSRPD	ug/L	10.00	33.9%	≤35	
524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5		
524.2	12/17/15:214893VRG (SP 1514065-001)	MS	ug/L	10.00	111 %	0-232		
		MSD	ug/L	10.00	229 %	0-232		
		MSRPD	ug/L	10.00	69.1%	≤35	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
Hexachlorobutadiene	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	158 %	14-200	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Hexachlorobutadiene	524.2	(CC 1584093-001)	MSD	ug/L	10.00	95.7 %	14-200	435
			MSRPD	ug/L	10.00	49.0%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	112 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	97.8 %	14-200		
	MSD	ug/L	10.00	143 %	14-200			
	MSRPD	ug/L	10.00	37.3%	≤40			
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	84.4 %	70-130		
Isopropyl Ether	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	130 %	8-165	
			MSD	ug/L	10.00	116 %	8-165	
			MSRPD	ug/L	10.00	1.4	≤3	
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	136 %	70-130	360	
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<3		
		MS	ug/L	10.00	95.6 %	8-165		
		MSD	ug/L	10.00	151 %	8-165		
		MSRPD	ug/L	10.00	5.5	≤3	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	116 %	70-130		
Isopropylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	138 %	4-159	
			MSD	ug/L	10.00	101 %	4-159	
			MSRPD	ug/L	10.00	31.7%	≤37	
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	95.6 %	4-159		
		MSD	ug/L	10.00	160 %	4-159	435	
		MSRPD	ug/L	10.00	50.4%	≤37	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130		
Methyl tert-Butyl Ether	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	155 %	70-130	360
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	129 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	146 %	11-168	
			MSD	ug/L	10.00	115 %	11-168	
			MSRPD	ug/L	10.00	23.5%	≤29	
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<1.0		
		MS	ug/L	10.00	104 %	11-168		
		MSD	ug/L	10.00	163 %	11-168		
		MSRPD	ug/L	10.00	44.7%	≤29	435	
Methylene Chloride	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	122 %	70-130	
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	114 %	70-130	
Naphthalene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	0-189	
			MSD	ug/L	10.00	86.8 %	0-189	
			MSRPD	ug/L	10.00	36.6%	≤32	435
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	110 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	78.8 %	0-189		
		MSD	ug/L	10.00	123 %	0-189		
		MSRPD	ug/L	10.00	43.5%	≤32	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	86.4 %	70-130		
n-Butylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	136 %	4-186	
			MSD	ug/L	10.00	103 %	4-186	
			MSRPD	ug/L	10.00	27.9%	≤37	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic n-Butylbenzene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	124 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.4 %	4-186	
			MSD	ug/L	10.00	145 %	4-186	435
MSRPD	ug/L	10.00	46.5%	≤37				
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
n-Propylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	133 %	0-174	
			MSD	ug/L	10.00	100 %	0-174	
	MSRPD	ug/L	10.00	28.1%	≤37			
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	89.4 %	0-174		
		MSD	ug/L	10.00	151 %	0-174	435	
	MSRPD	ug/L	10.00	51.5%	≤37			
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130		
p-Isopropyltoluene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	143 %	0-193	
			MSD	ug/L	10.00	100 %	0-193	
	MSRPD	ug/L	10.00	35.1%	≤40			
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	91.5 %	0-193		
		MSD	ug/L	10.00	151 %	0-193	435	
	MSRPD	ug/L	10.00	49.1%	≤40			
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130		
sec-Butylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	144 %	0-177	
			MSD	ug/L	10.00	104 %	0-177	
	MSRPD	ug/L	10.00	32.7%	≤40			
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	95.4 %	0-177		
		MSD	ug/L	10.00	159 %	0-177	435	
	MSRPD	ug/L	10.00	49.9%	≤40			
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130		
Styrene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	0-198	
			MSD	ug/L	10.00	87.4 %	0-198	
	MSRPD	ug/L	10.00	32.3%	≤37			
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	128 %	70-130		
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5		
		MS	ug/L	10.00	55.4 %	0-198		
		MSD	ug/L	10.00	129 %	0-198	435	
	MSRPD	ug/L	10.00	79.9%	≤37			
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	85.1 %	70-130		
TAME	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	135 %	15-162	
			MSD	ug/L	10.00	122 %	15-162	
	MSRPD	ug/L	10.00	1.4	≤3			
524.2	12/16/15:218288VRG	CCV	ug/L	10.00	144 %	70-130	360	
524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<3		
		MS	ug/L	10.00	98.9 %	15-162		
MSD	ug/L	10.00	156 %	15-162				

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> TAME	524.2	12/17/15:214893VRG	MSRPD	ug/L	10.00	5.7	≤3	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	119 %	70-130	
tert-Butylbenzene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	144 %	9-179	
			MSD	ug/L	10.00	103 %	9-179	
			MSRPD	ug/L	10.00	33.8%	≤38	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	124 %	30-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	97.5 %	9-179		
MSD			ug/L	10.00	161 %	9-179		
MSRPD			ug/L	10.00	49.2%	≤38	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	106 %	30-130		
Tetrachloroethylene (PCE)	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	140 %	14-186	
			MSD	ug/L	10.00	90.4 %	14-186	
			MSRPD	ug/L	10.00	43.3%	≤33	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	95.1 %	14-186		
MSD			ug/L	10.00	156 %	14-186		
MSRPD			ug/L	10.00	48.6%	≤33	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	90.6 %	70-130		
Toluene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	3-174	
			MSD	ug/L	10.00	95.2 %	3-174	
			MSRPD	ug/L	10.00	28.0%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	131 %	30-130	360
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	92.1 %	3-174		
MSD			ug/L	10.00	147 %	3-174		
MSRPD			ug/L	10.00	45.3%	≤37	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	98.2 %	30-130		
trans-1,2-Dichloroethylene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	5-165	
			MSD	ug/L	10.00	81.4 %	5-165	
			MSRPD	ug/L	10.00	36.8%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	118 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	86.8 %	5-165		
MSD			ug/L	10.00	147 %	5-165		
MSRPD			ug/L	10.00	51.4%	≤40	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	104 %	70-130		
trans-1,3-Dichloropropene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	0-169	
			MSD	ug/L	10.00	98.1 %	0-169	
			MSRPD	ug/L	10.00	25.1%	≤31	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	132 %	70-130	360
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	66.5 %	0-169		
MSD			ug/L	10.00	105 %	0-169		
MSRPD			ug/L	10.00	44.6%	≤31	435	
524.2	12/17/15:218598VRG	CCV	ug/L	10.00	73.6 %	70-130		
Trichloroethylene (TCE)	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	11-167	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Trichloroethylene (TCE)	524.2	(CC 1584093-001)	MSD MSRPD	ug/L ug/L	10.00 10.00	98.6 % 26.1%	11-167 ≤35	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	127 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 91.4 % 149 % 48.1%	<0.5 11-167 11-167 ≤35	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	95.6 %	70-130	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	192 %	70-130	360
Trichlorofluoromethane F-11	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	205 %	70-130	360
	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 117 % 74.5 % 44.0%	<0.5 0-183 0-183 ≤33	435
Trichlorotrifluoroethane F-113	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	99.4 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 89.7 % 136 % 41.1%	<0.5 0-183 0-183 ≤33	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	115 %	70-130	
	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 129 % 92.8 % 32.6%	<0.5 0-208 0-208 ≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	184 %	30-130	360
Vinyl Chloride	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 103 % 216 % 70.6%	<0.5 0-208 0-208 ≤40	435 435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	173 %	30-130	360
	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 10.00	ND 136 % 99.4 % 31.2%	<0.5 0-193 0-193 ≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	20.00	130 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 10.00	ND 91.9 % 155 % 50.9%	<0.5 0-193 0-193 ≤37	435
Xylenes m,p	524.2	12/17/15:218598VRG	CCV	ug/L	20.00	105 %	70-130	
	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 135 % 96.8 % 33.2%	<0.5 0-188 0-188 ≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 94.7 % 153 % 47.0%	<0.5 0-188 0-188 ≤36	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	108 %	70-130	
Xylenes o	531.1	12/21/15:214815SSG (SP 1513871-001)	Blank LCS MS MSD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	ND 90.2 % 122 % 102 %	<3 80-120 65-135 65-135	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
<b>Organic</b> 3-Hydroxycarbofuran	531.1	12/21/15:214815SG	MSRPD	ug/L	20.00	17.6%	≤16.8	435	
	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	104 % 87.9 %	80-120 80-120		
Aldicarb	531.1	12/21/15:214815SG  (SP 1513871-001)	Blank	ug/L		ND	<3		
			LCS	ug/L	20.00	101 %	80-120		
			MS	ug/L	20.00	95.8 %	65-135		
			MSD	ug/L	20.00	99.8 %	65-135		
			MSRPD	ug/L	20.00	4.1%	≤11.2		
	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	103 % 93.4 %	80-120 80-120		
Aldicarb Sulfone	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	103 % 97.6 %	80-120 80-120		
Aldicarb Sulfone/Sulfoxide	531.1	12/21/15:214815SG  (SP 1513871-001) (SP 1513871-001)	Blank	ug/L		ND	<3		
			Blank	ug/L		ND	<2		
			LCS	ug/L	20.00	95.2 %	80-120		
			LCS	ug/L	20.00	89.2 %	80-120		
			MS	ug/L	20.00	116 %	65-135		
			MS	ug/L	20.00	109 %	65-135		
			MSD	ug/L	20.00	101 %	65-135		
			MSD	ug/L	20.00	96.7 %	65-135		
			MSRPD	ug/L	20.00	18.1%	≤7.28		
			MSRPD	ug/L	20.00	7.8%	≤13.8	435	
Aldicarb Sulfoxide	531.1	12/22/15:218524SG	CCV	ug/L	10.00	95.2 %	80-120		
			CCV	ug/L	20.00	86.4 %	80-120		
Carbaryl	531.1	12/22/15:218524SG	CCV	ug/L	10.00	91.2 %	80-120		
			CCV	ug/L	20.00	91.0 %	80-120		
Carbaryl/Naphthol	531.1	12/21/15:214815SG  (SP 1513871-001)	Blank	ug/L		ND	<5		
			LCS	ug/L	20.00	87.4 %	80-120		
			MS	ug/L	20.00	95.1 %	65-135		
			MSD	ug/L	20.00	91.6 %	65-135		
			MSRPD	ug/L	20.00	0.69	≤5		
Carbofuran	531.1	12/21/15:214815SG  (SP 1513871-001)	Blank	ug/L		ND	<5		
			LCS	ug/L	20.00	104 %	80-120		
			MS	ug/L	20.00	123 %	65-135		
	531.1	12/22/15:218524SG	MSD	MSD	ug/L	20.00	111 %	65-135	
				MSRPD	ug/L	20.00	2.4	≤5	
				CCV	ug/L	10.00	96.4 %	80-120	
			CCV	ug/L	20.00	105 %	80-120		
Methomyl	531.1	12/21/15:214815SG  (SP 1513871-001)	Blank	ug/L		ND	<2		
			LCS	ug/L	20.00	108 %	80-120		
			MS	ug/L	20.00	108 %	65-135		
	531.1	12/22/15:218524SG	MSD	MSD	ug/L	20.00	90.2 %	65-135	
				MSRPD	ug/L	20.00	17.6%	≤53.1	
				CCV	ug/L	10.00	91.0 %	80-120	
			CCV	ug/L	20.00	94.3 %	80-120		
Oxamyl	531.1	12/21/15:214815SG  (SP 1513871-001)	Blank	ug/L		ND	<5		
			LCS	ug/L	20.00	107 %	80-120		
			MS	ug/L	20.00	106 %	65-135		
	531.1	12/22/15:218524SG	MSD	MSD	ug/L	20.00	120 %	65-135	
				MSRPD	ug/L	20.00	2.7	≤5	
			CCV	ug/L	10.00	110 %	80-120		
			CCV	ug/L	20.00	115 %	80-120		
TOC	5310C	12/24/15:214953AMM	Blank	mg/L		ND	<0.5		
			MS	mg/L	40.00	63.7 %	75-125	435	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> TOC	5310C	(VI 1544885-001)	MSD	mg/L	40.00	65.6 %	75-125	435
			MSRPD	mg/L	40.00	2.1%	≤23.0	
	5310C	12/27/15:218763AMM	CCV	ppm	15.00	104 %	67-122	
			CCV	ppm	15.00	98.6 %	67-122	
			CCV	ppm	15.00	80.5 %	67-122	
Glyphosate	547	12/17/15:214647SG  (VI 1544885-001)	Blank	ug/L		3.2	20	
			LCS	ug/L	200.0	120 %	71-129	
			MS	ug/L	200.0	136 %	56-139	
			MSD	ug/L	200.0	129 %	56-139	
	MSRPD	ug/L	200.0	5.1%	≤15			
547	12/18/15:218320SG	CCV	ug/L	100.0	116 %	80-120		
Endothall	548.1	01/04/16:200072SG	CCV	ug/L	2500	106 %	70-130	
			CCV	ug/L	1000	117 %	70-130	
	548.1	12/21/15:214805SG  (SP 1514000-001)	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	86.4 %	30-96	
			MS	ug/L	83.33	23.6 %	15-87	
MSD	ug/L	83.33	46.5 %	15-87				
MSRPD	ug/L	83.33	19	≤40				
Diquat Dibromide	549	12/18/15:214727SG  (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	74.7 %	34-114	
			MS	ug/L	20.00	0.0 %	0-86	
			MSD	ug/L	20.00	0.0 %	0-86	
	MSRPD	ug/L	20.00	0.0	≤2			
549.2	12/22/15:218612SG	CCV	ug/L	2000	94.9 %	80-120		
2,3-Dibromopropionic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L	5.000	83.8 %	70-130	435 435
			LCS	ug/L	5.000	124 %	70-130	
			MS	ug/L	5.000	146 %	70-130	
			MSD	ug/L	5.000	134 %	70-130	
			MSRPD	ug/L	5.000	8.6%	≤20.0	
Dibromoacetic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	90.6 %	70-130	
			MS	ug/L	10.00	106 %	70-130	
			MSD	ug/L	10.00	118 %	70-130	
			MSRPD	ug/L	5.000	6.0%	≤20.0	
Dichloroacetic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	103 %	70-130	
			MS	ug/L	10.00	90.0 %	70-130	
			MSD	ug/L	10.00	98.6 %	70-130	
			MSRPD	ug/L	5.000	8.3%	≤20.0	
Monobromoacetic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	98.0 %	70-130	
			MS	ug/L	10.00	105 %	70-130	
			MSD	ug/L	10.00	112 %	70-130	
			MSRPD	ug/L	5.000	7.4%	≤20.0	
Monochloroacetic Acid	552	12/18/15:214728SBL  (SP 1513888-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.9 %	70-130	
			MS	ug/L	10.00	98.2 %	70-130	
			MSD	ug/L	10.00	107 %	70-130	
			MSRPD	ug/L	5.000	8.5%	≤20.0	
Trichloroacetic Acid	552	12/18/15:214728SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	106 %	70-130	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Trichloroacetic Acid	552	(SP 1513888-001)	MS	ug/L	10.00	97.6 %	70-130	
			MSD	ug/L	10.00	111 %	70-130	
			MSRPD	ug/L	5.000	12.1%	≤20.0	
2,3-Dibromopropionic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	75.00	80.7 %	70-130	
			CCV	ug/L	50.00	99.1 %	70-130	
Dibromoacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	150.0	112 %	70-130	
			CCV	ug/L	100.0	117 %	70-130	
Dichloroacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	150.0	112 %	70-130	
			CCV	ug/L	100.0	115 %	70-130	
Monobromoacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	150.0	106 %	70-130	
			CCV	ug/L	100.0	111 %	70-130	
Monochloroacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	150.0	104 %	70-130	
			CCV	ug/L	100.0	115 %	70-130	
Trichloroacetic Acid	552.2	12/20/15:218443SBL	CCV	ug/L	150.0	116 %	70-130	
			CCV	ug/L	100.0	119 %	70-130	
Chlordane	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	(VI 1544885-001)	Blank	ug/L	0.5005	67.8 %	15-143	
			LCS	ug/L	0.5005	87.3 %	15-143	
			MS	ug/L	0.4722	73.9 %	26-141	
			MSD	ug/L	0.4767	76.4 %	26-141	
			MSRPD	ug/L	0.4767	4.3%	≤29	
	608	12/29/15:218887SBL	CCV	ug/L	100.1	88.5 %	85-115	
			CCV	ug/L	50.05	90.1 %	85-115	
			CCV	ug/L	100.1	98.4 %	85-115	
Toxaphene	608	12/21/15:214766JOM/DT	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	66-191	
			MSD	ug/L	10.00	126 %	66-191	
			MSRPD	ug/L	10.00	1.6%	≤21	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	103 %	75-125	
1,1,2,2-Tetrachloroethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	122 %	30-180	
			MSD	ug/L	10.00	122 %	30-180	
			MSRPD	ug/L	10.00	0.3%	≤19	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	82.7 %	60-140	
1,1,2-Trichloroethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	78.9 %	50-146	
			MSD	ug/L	10.00	76.7 %	50-146	
			MSRPD	ug/L	10.00	2.8%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	73.0 %	71-129	
1,1-Dichloroethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	124 %	63-159	
			MSD	ug/L	10.00	121 %	63-159	
			MSRPD	ug/L	10.00	2.5%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	104 %	72-128	
1,1-Dichloroethylene	624	12/18/15:214909VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-279	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,1-Dichloroethylene	624	(CC 1584155-001)	MSD	ug/L	10.00	123 %	0-279	
			MSRPD	ug/L	10.00	5.1%	≤36	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	93.5 %	51-150	
1,2-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	143 %	57-153	
			MSD	ug/L	10.00	140 %	57-153	
			MSRPD	ug/L	10.00	1.7%	≤26	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	93.9 %	63-137	
1,2-Dichloroethane (EDC)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	56-158	
			MSD	ug/L	10.00	109 %	56-158	
			MSRPD	ug/L	10.00	4.2%	≤24	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	101 %	68-132	
1,2-Dichloropropane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.5 %	55-152	
			MSD	ug/L	10.00	76.1 %	55-152	
			MSRPD	ug/L	10.00	1.8%	≤23	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	68.7 %	34-166	
1,3-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	142 %	53-159	
			MSD	ug/L	10.00	141 %	53-159	
			MSRPD	ug/L	10.00	1.0%	≤28	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	91.9 %	73-127	
1,4-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	141 %	53-161	
			MSD	ug/L	10.00	137 %	53-161	
			MSRPD	ug/L	10.00	2.8%	≤27	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	90.9 %	63-137	
2-Butanone (MEK)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<40	
			MS	ug/L	40.00	170 %	0-211	
			MSD	ug/L	40.00	161 %	0-211	
			MSRPD	ug/L	10.00	3.8	≤40	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	153 %	20-230	
2-Chloroethylvinyl ether	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<10	
			MS	ug/L	40.00	176 %	0-11	435
			MSD	ug/L	40.00	170 %	0-11	435
			MSRPD	ug/L	10.00	3.1%	≤3	435
	624	12/18/15:218636VRG	CCV	ug/L	40.00	152 %	0-224	
2-Hexanone	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	178 %	0-190	
			MSD	ug/L	40.00	171 %	0-190	
			MSRPD	ug/L	10.00	2.8	≤30	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	161 %	20-283	
4-Bromofluorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	111 %	70-161	
			MS	ug/L	10.00	106 %	58-151	
			MSD	ug/L	10.00	107 %	58-151	
			MSRPD	ug/L	10.00	0.8%	≤14	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	77.0 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	169 %	0-194	
			MSD	ug/L	40.00	162 %	0-194	
			MSRPD	ug/L	10.00	2.9	≤30	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	152 %	20-233	
Acetone	624	12/18/15:214909VRG	Blank	ug/L		ND	<25	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Acetone	624	(CC 1584155-001)	MS	ug/L	40.00	184 %	0-270	
			MSD	ug/L	40.00	167 %	0-270	
			MSRPD	ug/L	10.00	6.7	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	172 %	20-367	
Acrolein	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<5	
			MS	ug/L	20.00	440 %	0-171	435
			MSD	ug/L	20.00	423 %	0-171	435
			MSRPD	ug/L	10.00	3.4%	≤50	
	624	12/18/15:218636VRG	CCV	ug/L	100.0	124 %	20-209	
Acrylonitrile	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<2	
			MS	ug/L	20.00	997 %	0-244	435
			MSD	ug/L	20.00	918 %	0-244	435
			MSRPD	ug/L	10.00	8.2%	≤47	
	624	12/18/15:218636VRG	CCV	ug/L	100.0	217 %	20-278	
Benzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	65-155	
			MSD	ug/L	10.00	115 %	65-155	
			MSRPD	ug/L	10.00	1.3%	≤21	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	101 %	64-136	
Bromodichloromethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.6 %	62-150	
			MSD	ug/L	10.00	80.3 %	62-150	
			MSRPD	ug/L	10.00	3.8%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	74.3 %	65-135	
Bromoform	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	167 %	64-150	435
			MSD	ug/L	10.00	157 %	64-150	435
			MSRPD	ug/L	10.00	6.3%	≤16	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	115 %	71-129	
Bromomethane (Methyl Bromide)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	309 %	48-196	435
			MSD	ug/L	10.00	309 %	48-196	435
			MSRPD	ug/L	10.00	0.06%	≤24	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	299 %	14-186	360
Carbon Disulfide	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<5	
			MS	ug/L	40.00	248 %	0-230	435
			MSD	ug/L	40.00	242 %	0-230	435
			MSRPD	ug/L	10.00	2.4%	≤72	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	145 %	20-242	
Carbon Tetrachloride	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	151 %	69-206	
			MSD	ug/L	10.00	145 %	69-206	
			MSRPD	ug/L	10.00	3.7%	≤19	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	119 %	73-127	
Chlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.1 %	69-152	
			MSD	ug/L	10.00	83.3 %	69-152	
			MSRPD	ug/L	10.00	3.3%	≤24	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	74.8 %	66-134	
Chloroethane (Ethyl Chloride)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	237 %	53-214	435
			MSD	ug/L	10.00	229 %	53-214	435
			MSRPD	ug/L	10.00	3.6%	≤32	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	211 %	38-162	360

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Chloroform	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	124 %	55-155	
			MSD	ug/L	10.00	116 %	55-155	
			MSRPD	ug/L	10.00	4.1%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	109 %	67-133	
Chloromethane(Methyl Chloride)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	190 %	33-202	
			MSD	ug/L	10.00	185 %	33-202	
			MSRPD	ug/L	10.00	2.2%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	191 %	0-204	
cis-1,3-Dichloropropene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.1 %	59-142	
			MSD	ug/L	10.00	91.7 %	59-142	
			MSRPD	ug/L	10.00	4.6%	≤23	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	87.3 %	24-176	
Dibromochloromethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.3 %	53-151	
			MSD	ug/L	10.00	89.8 %	53-151	
			MSRPD	ug/L	10.00	5.9%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	88.4 %	67-133	
Dichloromethane	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<2	
			MS	ug/L	10.00	114 %	24-207	
			MSD	ug/L	10.00	111 %	24-207	
			MSRPD	ug/L	10.00	3.1%	≤33	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	101 %	60-139	
Ethylbenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	123 %	45-194	
			MSD	ug/L	10.00	123 %	45-194	
			MSRPD	ug/L	10.00	0.2%	≤31	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	75.7 %	59-141	
Fluorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	92.3 %	72-139	
			MS	ug/L	10.00	96.6 %	90-121	
			MSD	ug/L	10.00	95.8 %	90-121	
			MSRPD	ug/L	10.00	0.9%	≤3	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	94.7 %	70-130	
Freon-11	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<2.0	
			MS	ug/L	10.00	295 %	57-259	435
			MSD	ug/L	10.00	288 %	57-259	435
			MSRPD	ug/L	10.00	2.3%	≤27	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	227 %	48-152	360
Methyl tert-Butyl Ether (MTBE)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<5	
			MS	ug/L	10.00	137 %	26-210	
			MSD	ug/L	10.00	134 %	26-210	
			MSRPD	ug/L	10.00	0.34	≤5	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	127 %	63-178	
Pentafluorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	99.2 %	59-151	
			MS	ug/L	10.00	100 %	74-148	
			MSD	ug/L	10.00	99.0 %	74-148	
			MSRPD	ug/L	10.00	1.1%	≤10	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	99.0 %	70-130	
Styrene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	6-195	
			MSD	ug/L	10.00	127 %	6-195	
			MSRPD	ug/L	10.00	1.5%	≤25	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Styrene	624	12/18/15:218636VRG	CCV	ug/L	10.00	79.1 %	67-158	
Tetrachloroethylene (PCE)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.3 %	63-171	
			MSD	ug/L	10.00	92.6 %	63-171	
			MSRPD	ug/L	10.00	2.8%	≤26	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	78.6 %	73-127	
Toluene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	82.7 %	65-160	
			MSD	ug/L	10.00	80.2 %	65-160	
			MSRPD	ug/L	10.00	3.0%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	75.7 %	74-126	
trans-1,2-Dichloroethylene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	136 %	68-179	
			MSD	ug/L	10.00	135 %	68-179	
			MSRPD	ug/L	10.00	0.5%	≤51	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	112 %	69-131	
trans-1,3-Dichloropropene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.5 %	55-148	
			MSD	ug/L	10.00	78.8 %	55-148	
			MSRPD	ug/L	10.00	5.7%	≤25	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	78.2 %	50-150	
Trichloroethylene (TCE)	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	125 %	54-178	
			MSD	ug/L	10.00	122 %	54-178	
			MSRPD	ug/L	10.00	3.0%	≤22	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	102 %	66-134	
Vinyl Acetate	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<10	
			MS	ug/L	40.00	365 %	0-331	435
			MSD	ug/L	40.00	345 %	0-331	435
			MSRPD	ug/L	10.00	5.7%	≤44	
	624	12/18/15:218636VRG	CCV	ug/L	40.00	283 %	20-393	
Vinyl Chloride	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	278 %	32-217	435
			MSD	ug/L	10.00	272 %	32-217	435
			MSRPD	ug/L	10.00	2.2%	≤26	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	233 %	4-196	360
Xylenes m,p	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	20.00	135 %	50-181	
			MSD	ug/L	20.00	134 %	50-181	
			MSRPD	ug/L	10.00	0.9%	≤30	
	624	12/18/15:218636VRG	CCV	ug/L	20.00	82.3 %	45-170	
Xylenes o	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	38-182	
			MSD	ug/L	10.00	128 %	38-182	
			MSRPD	ug/L	10.00	1.3%	≤29	
	624	12/18/15:218636VRG	CCV	ug/L	10.00	80.0 %	63-163	
1,2,4-Trichlorobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	118 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	57.0 %	21-90	
			BS	ug/L	20.00	70.9 %	21-90	
			BSD	ug/L	20.00	54.4 %	21-90	
			BSRPD	ug/L	20.00	26.3%	≤53	
1,2-Dichlorobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	113 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
1,2-Dichlorobenzene	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	54.2 %	22-90	
			BS	ug/L	20.00	65.6 %	22-90	
			BSD	ug/L	20.00	49.3 %	22-90	
			BSRPD	ug/L	20.00	28.5%	≤51	
1,2-Diphenylhydrazine	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	78.8 %	41-103	
			BS	ug/L	20.00	82.9 %	41-103	
			BSD	ug/L	20.00	72.7 %	41-103	
			BSRPD	ug/L	20.00	13.2%	≤26	
1,3-Dichlorobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	110 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.4 %	22-86	
			BS	ug/L	20.00	58.2 %	22-86	
1,4-Dichlorobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	113 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	49.0 %	23-83	
			BS	ug/L	20.00	61.1 %	23-83	
2,4,5-Trichlorophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	123 %	70-130	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	94.0 %	28-107	
			BS	ug/L	20.00	100 %	28-107	
2,4,6-Tribromophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	95.1 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L	20.00	75.4 %	18-105	
			LCS	ug/L	20.00	88.7 %	18-105	
			BS	ug/L	20.00	94.5 %	18-105	
			BSD	ug/L	20.00	87.2 %	18-105	
2,4,6-Trichlorophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	124 %	80-120	360
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.2 %	29-109	
			BS	ug/L	20.00	104 %	29-109	
2,4-Dichlorophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	120 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	90.7 %	26-105	
			BS	ug/L	20.00	96.3 %	26-105	
2,4-Dimethylphenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	71.8 %	28-77	
			BS	ug/L	20.00	74.6 %	28-77	
2,4-Dinitrophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	98.2 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	87.9 %	27-74	310

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
<b>Organic</b> 2,4-Dinitrophenol	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	90.1 %	27-74	436	
			BSD	ug/L	20.00	84.5 %	27-74	436	
			BSRPD	ug/L	20.00	1.1	≤5		
2,4-Dinitrotoluene	625	01/13/16:200567SBL	CCV	mg/L	20.00	139 %	80-120	360	
			12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
				LCS	ug/L	20.00	115 %	39-101	310
				BS	ug/L	20.00	123 %	39-101	436
				BSD	ug/L	20.00	112 %	39-101	436
BSRPD	ug/L	20.00	9.3%	≤23					
2,6-Dinitrotoluene	625	01/13/16:200567SBL	CCV	mg/L	20.00	139 %	80-120	360	
			12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
				LCS	ug/L	20.00	106 %	12-159	
				BS	ug/L	20.00	116 %	12-159	
				BSD	ug/L	20.00	104 %	12-159	
BSRPD	ug/L	20.00	10.5%	≤20					
2-Chlorophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	114 %	80-120		
			12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
				LCS	ug/L	20.00	86.2 %	27-101	
				BS	ug/L	20.00	88.8 %	27-101	
				BSD	ug/L	20.00	81.0 %	27-101	
BSRPD	ug/L	20.00	9.1%	≤43					
2-Fluorobiphenyl	625	01/13/16:200567SBL	CCV	mg/L	10.00	93.0 %	80-120		
			12/22/15:214854JOM/DT	Blank	ug/L	10.00	73.6 %	15-91	
				LCS	ug/L	10.00	77.7 %	15-91	
				BS	ug/L	10.00	83.3 %	15-91	
				BSD	ug/L	10.00	75.2 %	15-91	
BSRPD	ug/L	20.00	10.3%	≤36					
2-Fluorophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	92.1 %	80-120		
			12/22/15:214854JOM/DT	Blank	ug/L	20.00	73.5 %	12-86	
				LCS	ug/L	20.00	78.1 %	12-86	
				BS	ug/L	20.00	81.3 %	12-86	
				BSD	ug/L	20.00	73.3 %	12-86	
BSRPD	ug/L	20.00	10.3%	≤53					
2-Nitrophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	133 %	80-120	360	
			12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
				LCS	ug/L	20.00	99.5 %	28-104	
				BS	ug/L	20.00	106 %	28-104	436
				BSD	ug/L	20.00	96.1 %	28-104	
BSRPD	ug/L	20.00	9.4%	≤36					
3,3-Dichlorobenzidine	625	01/13/16:200567SBL	CCV	mg/L	20.00	111 %	80-120		
			12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
				LCS	ug/L	20.00	111 %	0-106	310
				BS	ug/L	20.00	111 %	0-106	436
				BSD	ug/L	20.00	106 %	0-106	
BSRPD	ug/L	20.00	4.3%	≤19					
4,6-Dinitro-2-methylphenol	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1		
			LCS	ug/L	20.00	94.2 %	31-89	310	
			BS	ug/L	20.00	96.4 %	31-89	436	
			BSD	ug/L	20.00	89.0 %	31-89		
			BSRPD	ug/L	20.00	8.0%	≤36		
4,6-Dinitro-o-cresol	625	01/13/16:200567SBL	CCV	mg/L	20.00	103 %	80-120		
4-Bromophenylphenylether	625	01/13/16:200567SBL	CCV	mg/L	20.00	117 %	80-120		
			12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
LCS	ug/L	20.00		90.4 %	37-94				

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
4-Bromophenylphenylether	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	99.0 %	37-94	436
			BSD	ug/L	20.00	88.1 %	37-94	
			BSRPD	ug/L	20.00	11.7%	≤23	
4-Nitrophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	100 %	80-120	
			Blank	ug/L		ND	<2	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	83.2 %	5-113	
			BS	ug/L	20.00	87.6 %	5-113	
			BSD	ug/L	20.00	80.6 %	5-113	
			BSRPD	ug/L	20.00	8.3%	≤45	
Acenaphthene	625	01/13/16:200567SBL	CCV	mg/L	20.00	112 %	80-120	
			Blank	ug/L		ND	<1	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	80.9 %	31-95	
			BS	ug/L	20.00	88.6 %	31-95	
			BSD	ug/L	20.00	77.8 %	31-95	
BSRPD	ug/L	20.00	13.0%	≤38				
Acenaphthylene	625	01/13/16:200567SBL	CCV	mg/L	20.00	117 %	80-120	
			Blank	ug/L		ND	<1	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	83.6 %	27-92	
			BS	ug/L	20.00	91.4 %	27-92	
			BSD	ug/L	20.00	80.1 %	27-92	
			BSRPD	ug/L	20.00	13.2%	≤37	
Anthracene	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
			Blank	ug/L		ND	<1	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	89.6 %	32-98	
			BS	ug/L	20.00	95.0 %	32-98	
			BSD	ug/L	20.00	85.7 %	32-98	
			BSRPD	ug/L	20.00	10.4%	≤18	
Azobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	104 %	80-120	
Benzidine	625	01/13/16:200567SBL	CCV	mg/L	20.00	113 %	70-130	
			Blank	ug/L		ND	<2	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	18.1 %	0-25	
			BS	ug/L	20.00	12.4 %	0-25	
			BSD	ug/L	20.00	19.1 %	0-25	
BSRPD	ug/L	20.00	1.3	≤2				
Benzo(a)anthracene	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
			Blank	ug/L		ND	<1	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	91.7 %	39-107	
			BS	ug/L	20.00	92.2 %	39-107	
			BSD	ug/L	20.00	89.4 %	39-107	
			BSRPD	ug/L	20.00	3.0%	≤27	
Benzo(a)pyrene	625	01/13/16:200567SBL	CCV	mg/L	20.00	120 %	80-120	
			Blank	ug/L		ND	<1	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	88.8 %	44-86	310
			BS	ug/L	20.00	89.1 %	44-86	436
			BSD	ug/L	20.00	88.1 %	44-86	436
			BSRPD	ug/L	20.00	1.2%	≤22	
Benzo(b)fluoranthene	625	01/13/16:200567SBL	CCV	mg/L	20.00	120 %	80-120	
			Blank	ug/L		ND	<1	
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	100 %	33-108	
			BS	ug/L	20.00	96.3 %	33-108	
			BSD	ug/L	20.00	94.4 %	33-108	
			BSRPD	ug/L	20.00	2.0%	≤24	
Benzo(g,h,i)perylene	625	01/13/16:200567SBL	CCV	mg/L	20.00	130 %	80-120	360
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note		
<b>Organic</b> Benzo(g,h,i)perylene	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	103 %	0-160			
			BS	ug/L	20.00	109 %	0-160			
			BSD	ug/L	20.00	106 %	0-160			
			BSRPD	ug/L	20.00	2.8%	≤24			
Benzo(k)fluoranthene	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120			
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1			
			LCS	ug/L	20.00	91.3 %	34-107			
			BS	ug/L	20.00	91.4 %	34-107			
bis(2-Chloroethoxy)methane	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	90.6 %	34-107			
			BSRPD	ug/L	20.00	0.8%	≤34			
			625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
LCS	ug/L	20.00			88.0 %	30-103				
BS	ug/L	20.00			93.2 %	30-103				
BSD	ug/L	20.00			84.0 %	30-103				
bis(2-Chloroethyl)ether	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	10.4%	≤36			
			625	01/13/16:200567SBL	CCV	mg/L	20.00	110 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
					LCS	ug/L	20.00	82.2 %	0-279	
BS	ug/L	20.00			85.3 %	0-279				
bis(2-Chloroisopropyl)ether	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	77.3 %	0-279			
			BSRPD	ug/L	20.00	9.9%	≤66			
			625	01/13/16:200567SBL	CCV	mg/L	20.00	104 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
LCS	ug/L	20.00			79.3 %	27-118				
BS	ug/L	20.00			81.9 %	27-118				
BSD	ug/L	20.00			73.6 %	27-118				
bis(2-Ethylhexyl)phthalate	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	10.6%	≤40			
			625	01/13/16:200567SBL	CCV	mg/L	20.00	118 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
					LCS	ug/L	20.00	93.5 %	46-118	
BS	ug/L	20.00			84.0 %	46-118				
Butylbenzylphthalate	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	83.5 %	46-118			
			BSRPD	ug/L	20.00	0.6%	≤7			
			625	01/13/16:200567SBL	CCV	mg/L	20.00	117 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
LCS	ug/L	20.00			78.4 %	28-89				
BS	ug/L	20.00			68.8 %	28-89				
Chloronaphthalene	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	80.8 %	28-89			
			BSRPD	ug/L	20.00	16.0%	≤1	410		
			625	01/13/16:200567SBL	CCV	mg/L	20.00	115 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
LCS	ug/L	20.00			76.6 %	29-100				
BS	ug/L	20.00			86.5 %	29-100				
Chlorophenylphenylether	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	73.0 %	29-100			
			BSRPD	ug/L	20.00	17.0%	≤41			
			625	01/13/16:200567SBL	CCV	mg/L	20.00	118 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
LCS	ug/L	20.00			88.9 %	35-96				
BS	ug/L	20.00			97.7 %	35-96	436			
Chrysene	625	01/13/16:200567SBL	CCV	mg/L	20.00	115 %	80-120			
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1			

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Chrysene	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	90.2 %	37-99	
			BS	ug/L	20.00	91.2 %	37-99	
			BSD	ug/L	20.00	88.3 %	37-99	
			BSRPD	ug/L	20.00	3.2%	≤16	
Dibenzo(a,h)anthracene	625	01/13/16:200567SBL	CCV	mg/L	20.00	108 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	91.0 %	36-105	
			BS	ug/L	20.00	96.4 %	36-105	
			BSD	ug/L	20.00	89.6 %	36-105	
BSRPD	ug/L	20.00	7.3%	≤27				
Diethylphthalate	625	01/13/16:200567SBL	CCV	mg/L	20.00	110 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	48.9 %	31-82	
			BS	ug/L	20.00	51.9 %	31-82	
			BSD	ug/L	20.00	44.8 %	31-82	
BSRPD	ug/L	20.00	14.7%	≤19				
Dimethylphthalate	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	22.0 %	22-67	
			BS	ug/L	20.00	23.7 %	22-67	
			BSD	ug/L	20.00	19.5 %	22-67	436
BSRPD	ug/L	20.00	0.85	≤1				
Di-n-butylphthalate	625	01/13/16:200567SBL	CCV	mg/L	20.00	114 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	78.7 %	44-89	
			BS	ug/L	20.00	78.6 %	44-89	
			BSD	ug/L	20.00	80.9 %	44-89	
BSRPD	ug/L	20.00	2.9%	≤1	410			
Di-n-octylphthalate	625	01/13/16:200567SBL	CCV	mg/L	20.00	127 %	80-120	360
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.8 %	50-118	
			BS	ug/L	20.00	91.2 %	50-118	
			BSD	ug/L	20.00	90.0 %	50-118	
BSRPD	ug/L	20.00	1.3%	≤20				
Fluoranthene	625	01/13/16:200567SBL	CCV	mg/L	20.00	118 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.2 %	46-98	
			BS	ug/L	20.00	103 %	46-98	436
			BSD	ug/L	20.00	96.3 %	46-98	
BSRPD	ug/L	20.00	7.1%	≤19				
Fluorene	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.7 %	34-101	
			BS	ug/L	20.00	95.3 %	34-101	
			BSD	ug/L	20.00	84.7 %	34-101	
BSRPD	ug/L	20.00	11.8%	≤31				
Hexachlorobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	116 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	90.7 %	32-91	
			BS	ug/L	20.00	96.1 %	32-91	436
			BSD	ug/L	20.00	88.9 %	32-91	
BSRPD	ug/L	20.00	7.8%	≤26				
Hexachlorobutadiene	625	01/13/16:200567SBL	CCV	mg/L	20.00	120 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Hexachlorobutadiene	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	42.8 %	18-84	
			BS	ug/L	20.00	51.4 %	18-84	
			BSD	ug/L	20.00	41.1 %	18-84	
			BSRPD	ug/L	20.00	22.3%	≤53	
Hexachlorocyclopentadiene	625	01/13/16:200567SBL	CCV	mg/L	20.00	126 %	80-120	360
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	12.1 %	2-60	
			BS	ug/L	20.00	13.3 %	2-60	
Hexachloroethane	625	01/13/16:200567SBL	CCV	mg/L	20.00	110 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	37.7 %	20-84	
			BS	ug/L	20.00	46.4 %	20-84	
Indeno(1,2,3-c,d)pyrene	625	01/13/16:200567SBL	CCV	mg/L	20.00	118 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.4 %	32-103	
			BS	ug/L	20.00	95.4 %	32-103	
Isophorone	625	01/13/16:200567SBL	CCV	mg/L	20.00	112 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.4 %	29-91	436
			BS	ug/L	20.00	91.7 %	29-91	
Naphthalene	625	01/13/16:200567SBL	CCV	mg/L	20.00	113 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	72.2 %	29-98	
			BS	ug/L	20.00	83.3 %	29-98	
Nitrobenzene	625	01/13/16:200567SBL	CCV	mg/L	20.00	112 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.1 %	43-83	436
			BS	ug/L	20.00	88.7 %	43-83	
Nitrobenzene-d5	625	01/13/16:200567SBL	CCV	mg/L	10.00	91.4 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L	10.00	72.2 %	9-95	
			LCS	ug/L	10.00	75.2 %	9-95	
			BS	ug/L	10.00	79.0 %	9-95	
N-Nitrosodimethylamine	625	01/13/16:200567SBL	CCV	mg/L	20.00	111 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	76.7 %	12-110	
			BS	ug/L	20.00	78.6 %	12-110	
N-Nitrosodi-N-propylamine	625	01/13/16:200567SBL	CCV	mg/L	20.00	111 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	76.7 %	12-110	
			BS	ug/L	20.00	78.6 %	12-110	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> N-Nitrosodi-N-propylamine	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	84.7 %	29-106	
			BS	ug/L	20.00	88.8 %	29-106	
			BSD	ug/L	20.00	80.2 %	29-106	
			BSRPD	ug/L	20.00	10.2%	≤32	
N-Nitrosodiphenylamine	625	01/13/16:200567SBL	CCV	mg/L	20.00	113 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	88.0 %	39-109	
			BS	ug/L	20.00	95.3 %	39-109	
			BSD	ug/L	20.00	83.5 %	39-109	
BSRPD	ug/L	20.00	13.2%	≤18				
p-Chloro-m-cresol	625	01/13/16:200567SBL	CCV	mg/L	20.00	119 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	91.6 %	32-105	
			BS	ug/L	20.00	98.9 %	32-105	
			BSD	ug/L	20.00	89.7 %	32-105	
BSRPD	ug/L	20.00	9.8%	≤27				
Pentachlorophenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	139 %	80-120	360
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	116 %	19-109	310
			BS	ug/L	20.00	122 %	19-109	436
			BSD	ug/L	20.00	111 %	19-109	436
BSRPD	ug/L	20.00	9.3%	≤28				
Phenanthrene	625	01/13/16:200567SBL	CCV	mg/L	20.00	112 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	88.3 %	41-101	
			BS	ug/L	20.00	94.4 %	41-101	
			BSD	ug/L	20.00	85.6 %	41-101	
BSRPD	ug/L	20.00	9.8%	≤18				
Phenol	625	01/13/16:200567SBL	CCV	mg/L	20.00	109 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	83.2 %	23-104	
			BS	ug/L	20.00	85.2 %	23-104	
			BSD	ug/L	20.00	78.4 %	23-104	
BSRPD	ug/L	20.00	8.4%	≤47				
Phenol-d6	625	01/13/16:200567SBL	CCV	mg/L	20.00	93.0 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L	20.00	71.1 %
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	76.1 %	7-77	
			BS	ug/L	20.00	79.4 %	7-77	
			BSD	ug/L	20.00	72.5 %	7-77	
BSRPD	ug/L	20.00	9.0%	≤50				
p-Terphenyl-d14	625	01/13/16:200567SBL	CCV	mg/L	10.00	91.1 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L	10.00	94.7 %
	625	12/22/15:214854JOM/DT	LCS	ug/L	10.00	92.3 %	37-100	
			BS	ug/L	10.00	92.3 %	37-100	
			BSD	ug/L	10.00	89.3 %	37-100	
BSRPD	ug/L	20.00	3.4%	≤18				
Pyrene	625	01/13/16:200567SBL	CCV	mg/L	20.00	114 %	80-120	
			625	12/22/15:214854JOM/DT	Blank	ug/L		ND
	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	91.7 %	44-106	
			BS	ug/L	20.00	90.6 %	44-106	
			BSD	ug/L	20.00	86.8 %	44-106	
BSRPD	ug/L	20.00	4.4%	≤18				
Pyridine	625	01/13/16:200567SBL	CCV	mg/L	20.00	115 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<10	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> Pyridine	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	41.4 %	0-52	436
			BS	ug/L	20.00	55.4 %	0-52	
			BSD	ug/L	20.00	44.1 %	0-52	
			BSRPD	ug/L	20.00	2.3	≤10	
2,4'-DDD	625P	12/24/15:218831SG	CCV	ug/L	100.0	103 %	70-130	
2,4'-DDE	625P	12/24/15:218831SG	CCV	ug/L	100.0	93.0 %	70-130	
2,4'-DDT	625P	12/24/15:218831SG	CCV	ug/L	100.0	95.1 %	70-130	
Aldrin	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	39.4 %	0-131	
			MS	ug/L	0.1000	54.1 %	4-108	
			MSD	ug/L	0.1000	14.1 %	4-108	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	84.6 %	70-130	
Alpha BHC	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	53.3 %	9-125	
			MS	ug/L	0.1000	39.7 %	17-100	
			MSD	ug/L	0.1000	37.4 %	17-100	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	78.5 %	70-130	
alpha-Chlordane	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	48.3 %	14-126	
			MS	ug/L	0.1000	12.6 %	0-135	
			MSD	ug/L	0.1000	6.6 %	0-135	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	76.7 %	70-130	
Beta BHC	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	51.6 %	13-125	
			MS	ug/L	0.1000	63.7 %	16-123	
			MSD	ug/L	0.1000	0.0 %	16-123	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	200%	≤25	435
	625P	12/24/15:218831SG	CCV	ug/L	100.0	73.3 %	70-130	
cis_Nonachlor	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	68.9 %	10-138	
			MS	ug/L	0.1000	11.0 %	0-120	
			MSD	ug/L	0.1000	32.4 %	0-120	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	0.021	≤0.005	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	94.2 %	70-130	
Delta BHC	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	59.7 %	0-122	
			MS	ug/L	0.1000	28.6 %	0-112	
			MSD	ug/L	0.1000	31.0 %	0-112	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	8.0%	≤25	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	77.9 %	70-130	
Dieldrin	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	64.1 %	19-120	
			MS	ug/L	0.1000	22.3 %	0-121	
			MSD	ug/L	0.1000	0.0 %	0-121	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	0.022	≤0.005	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	81.1 %	70-130	
Endosulfan I	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	58.4 %	18-129	
			MS	ug/L	0.1000	36.6 %	0-154	
			MSD	ug/L	0.1000	97.9 %	0-154	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	91.3%	≤25	

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Endosulfan I	625P	12/24/15:218831SG	CCV	ug/L	100.0	98.1 %	70-130	
Endosulfan II	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	69.1 %	22-128	
			MS	ug/L	0.1000	44.3 %	0-149	
			MSD	ug/L	0.1000	114 %	0-149	
	MSRPD	ug/L	0.1000	88.1%	≤25			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	94.8 %	70-130	
Endosulfan Sulfate	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	58.3 %	32-106	
			MS	ug/L	0.1000	115 %	4-140	
			MSD	ug/L	0.1000	57.7 %	4-140	
	MSRPD	ug/L	0.1000	66.4%	≤25			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	73.8 %	70-130	
Endrin	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	64.5 %	0-130	
			MS	ug/L	0.1000	8.8 %	7-101	
			MSD	ug/L	0.1000	0.0 %	7-101	
	MSRPD	ug/L	0.1000	0.0088	≤0.005			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	109 %	70-130	
Endrin Aldehyde	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	49.9 %	16-135	
			MS	ug/L	0.1000	2.7 %	0-148	
			MSD	ug/L	0.1000	5.2 %	0-148	
	MSRPD	ug/L	0.1000	0.0024	≤0.005			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	71.1 %	70-130	
Endrin Ketone	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	51.9 %	25-121	
			MS	ug/L	0.1000	45.9 %	21-111	
			MSD	ug/L	0.1000	84.3 %	21-111	
	MSRPD	ug/L	0.1000	59.0%	≤25			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	74.7 %	70-130	
gamma-Chlordane	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	59.6 %	20-123	
			MS	ug/L	0.1000	20.6 %	1-116	
			MSD	ug/L	0.1000	22.9 %	1-116	
	MSRPD	ug/L	0.1000	0.0023	≤0.005			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	88.3 %	70-130	
Heptachlor	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	50.2 %	19-119	
			MS	ug/L	0.1000	32.1 %	13-100	
			MSD	ug/L	0.1000	58.8 %	13-100	
	MSRPD	ug/L	0.1000	58.7%	≤25			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	89.7 %	70-130	
Heptachlor Epoxide	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	74.2 %	18-131	
			MS	ug/L	0.1000	49.2 %	0-127	
			MSD	ug/L	0.1000	14.4 %	0-127	
	MSRPD	ug/L	0.1000	110%	≤25			
	625P	12/24/15:218831SG	CCV	ug/L	100.0	89.7 %	70-130	
Lindane	625P	12/17/15:214645SG  (VI 1544885-001)	Blank	ug/L		ND	<0.005	435
			LCS	ug/L	0.1000	107 %	22-181	
			MS	ug/L	0.1000	67.7 %	0-234	
			MSD	ug/L	0.1000	95.0 %	0-234	
	MSRPD	ug/L	0.1000	33.5%	≤25			

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b>								
Lindane	625P	12/24/15:218831SG	CCV	ug/L	100.0	113 %	70-130	
Methoxychlor	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	78.3 %	26-113	
			MS	ug/L	0.1000	55.0 %	2-107	
			MSD	ug/L	0.1000	53.4 %	2-107	
			MSRPD	ug/L	0.1000	3.0%	≤25	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	93.9 %	70-130	
o,p - DDD	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	80.3 %	15-136	
			MS	ug/L	0.1000	34.4 %	12-118	
			MSD	ug/L	0.1000	61.9 %	12-118	
			MSRPD	ug/L	0.1000	57.1%	≤25	435
o,p - DDE	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	67.2 %	23-124	
			MS	ug/L	0.1000	14.8 %	0-108	
			MSD	ug/L	0.1000	31.1 %	0-108	
			MSRPD	ug/L	0.1000	0.016	≤0.005	435
o,p - DDT	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	48.5 %	27-131	
			MS	ug/L	0.1000	0.0 %	0-124	
			MSD	ug/L	0.1000	7.0 %	0-124	
			MSRPD	ug/L	0.1000	0.0070	≤0.005	435
p,p - DDD	625P	12/24/15:218831SG	CCV	ug/L	100.0	91.6 %	70-130	
p,p - DDE	625P	12/24/15:218831SG	CCV	ug/L	100.0	99.3 %	70-130	
p,p - DDT	625P	12/24/15:218831SG	CCV	ug/L	100.0	80.2 %	70-130	
p,p`-DDD	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	65.7 %	0-177	
			MS	ug/L	0.1000	0.0 %	17-107	435
			MSD	ug/L	0.1000	38.7 %	17-107	
			MSRPD	ug/L	0.1000	0.039	≤0.005	435
p,p`-DDE	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	73.5 %	23-126	
			MS	ug/L	0.1000	38.9 %	2-107	
			MSD	ug/L	0.1000	53.8 %	2-107	
			MSRPD	ug/L	0.1000	32.0%	≤25	435
p,p`-DDT	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	62.4 %	32-108	
			MS	ug/L	0.1000	39.1 %	0-128	
			MSD	ug/L	0.1000	39.1 %	0-128	
			MSRPD	ug/L	0.1000	0.02%	≤25	
Tetrachloro-m-xylene	625P	12/17/15:214645SG	Blank	ug/L	0.1000	50.0 %	26-90	
		(VI 1544885-001)	LCS	ug/L	0.1000	52.8 %	26-90	
			MS	ug/L	0.1000	43.4 %	26-90	
			MSD	ug/L	0.1000	37.1 %	26-90	
			MSRPD	ug/L	0.1000	15.6%	≤25	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	82.1 %	70-130	
trans-Nonachlor	625P	12/17/15:214645SG	Blank	ug/L		ND	<0.005	
		(VI 1544885-001)	LCS	ug/L	0.1000	56.1 %	9-139	
			MS	ug/L	0.1000	20.1 %	0-120	
			MSD	ug/L	0.1000	23.9 %	0-120	
			MSRPD	ug/L	0.1000	0.0038	≤0.005	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	90.1 %	70-130	

January 18, 2016  
Rincon Consultants, Inc.

Lab ID : SP 1514026  
Customer : 2-25173

### Quality Control - Organic

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 analyte. 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.
<1/4	: High Sample Background - Spike concentration was less than one fourth of the sample concentration.
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.
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.

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals	200.7	(CC 1584113-003)	MS	mg/L	4.000	126 %	75-125	435
			MSD	mg/L	4.000	126 %	75-125	435
Boron	200.7	12/28/15:218813AC	MSRPD	mg/L	800.0	0.05%	≤20.0	
			CCV	ppm	5.000	101 %	90-110	
			CCB	ppm		-0.006	0.1	
			CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.004	0.1	
			CCV	ppm	5.000	101 %	90-110	
Calcium	200.7	12/28/15:218813AC	MS	mg/L	12.00	-153 %	<¼	
			MSD	mg/L	12.00	-128 %	<¼	
			MSRPD	mg/L	800.0	4.2%	≤20.0	
			CCV	ppm	25.00	94.9 %	90-110	
			CCB	ppm		-0.005	1	
			CCV	ppm	25.00	94.5 %	90-110	
Copper	200.7	12/28/15:218813AC	CCB	ppm		-0.008	1	
			CCV	ppm	25.00	97.6 %	90-110	
			CCB	ppm		-0.01	1	
			MS	ug/L	800.0	119 %	75-125	
			MSD	ug/L	800.0	113 %	75-125	
			MSRPD	ug/L	800.0	5.2%	≤20.0	
Iron	200.7	12/28/15:218813AC	CCV	ppm	1.000	99.1 %	90-110	
			CCB	ppm		0.0006	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0002	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0005	0.01	
Magnesium	200.7	12/28/15:218813AC	MS	ug/L	4000	139 %	75-125	435
			MSD	ug/L	4000	132 %	75-125	435
			MSRPD	ug/L	800.0	5.2%	≤20.0	
			CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		-0.00006	0.03	
			CCV	ppm	5.000	102 %	90-110	
Manganese	200.7	12/28/15:218813AC	CCB	ppm		0.0001	0.03	
			CCV	ppm	5.000	104 %	90-110	
			CCB	ppm		0.00009	0.03	
			MS	mg/L	12.00	24.8 %	75-125	435
			MSD	mg/L	12.00	41.5 %	75-125	435
			MSRPD	mg/L	800.0	6.9%	≤20.0	
Potassium	200.7	12/28/15:218813AC	CCV	ppm	25.00	94.9 %	90-110	
			CCB	ppm		-0.0009	1	
			CCV	ppm	25.00	92.8 %	90-110	
			CCB	ppm		-0.00006	1	
			CCV	ppm	25.00	96.6 %	90-110	
			CCB	ppm		0.0004	1	
Manganese	200.7	12/28/15:218813AC	MS	ug/L	800.0	111 %	75-125	
			MSD	ug/L	800.0	105 %	75-125	
			MSRPD	ug/L	800.0	4.8%	≤20.0	
			CCV	ppm	1.000	98.4 %	90-110	
			CCB	ppm		0.00001	0.01	
			CCV	ppm	1.000	97.5 %	90-110	
Potassium	200.7	12/28/15:218813AC	CCB	ppm		0.00008	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.00002	0.01	
			MS	mg/L	12.00	122 %	75-125	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b> Potassium	200.7	(CC 1584113-003)	MSD	mg/L	12.00	133 %	75-125	435
			MSRPD	mg/L	800.0	7.5 %	≤20.0	
	200.7	12/28/15:218813AC	CCV	ppm	25.00	97.8 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	97.2 %	90-110	
CCB			ppm		0.17	1		
Sodium	200.7	(CC 1584113-003)	MS	mg/L	12.00	122 %	75-125	
			MSD	mg/L	12.00	132 %	<¼	
			MSRPD	mg/L	800.0	1.8 %	≤20.0	
	200.7	12/28/15:218813AC	CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.05	1	
CCV			ppm	25.00	101 %	90-110		
CCB			ppm		0.09	1		
Zinc	200.7	(CC 1584113-003)	MS	ug/L	800.0	163 %	75-125	435
			MSD	ug/L	800.0	161 %	75-125	435
			MSRPD	ug/L	800.0	0.9 %	≤20.0	
	200.7	12/28/15:218813AC	CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		0.0001	0.02	
CCV			ppm	1.000	101 %	90-110		
CCB			ppm		-0.0001	0.02		
Aluminum	200.8	12/27/15:218470AC	CCV	ppb	120.0	97.3 %	90-110	
			CCB	ppb		0.1	10	
			CCV	ppb	120.0	93.7 %	90-110	
			CCB	ppb		0.3	10	
Antimony	200.8	12/27/15:218470AC	CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		0.19	1	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.87	1	
Arsenic	200.8	12/27/15:218470AC	CCV	ppb	120.0	99.4 %	90-110	
			CCB	ppb		0.02	2	
			CCV	ppb	120.0	97.9 %	90-110	
			CCB	ppb		0.1	2	
Barium	200.8	12/27/15:218470AC	CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.04	1	
			CCV	ppb	120.0	108 %	90-110	
			CCB	ppb		0.06	1	
Beryllium	200.8	12/27/15:218470AC	CCV	ppb	120.0	95.4 %	90-110	
			CCB	ppb		0.020	0.2	
			CCV	ppb	120.0	90.6 %	90-110	
			CCB	ppb		0.037	0.2	
Cadmium	200.8	12/27/15:218470AC	CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.022	0.2	
			CCV	ppb	120.0	106 %	90-110	
			CCB	ppb		0.049	0.2	
Chromium	200.8	12/27/15:218470AC	CCV	ppb	120.0	99.8 %	90-110	
			CCB	ppb		0.03	1	
			CCV	ppb	120.0	99.6 %	90-110	
			CCB	ppb		0.04	1	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Copper	200.8	12/27/15:218470AC	CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		-0.014	0.5	
			CCV	ppb	120.0	97.6 %	90-110	
			CCB	ppb		0.056	0.5	
Lead	200.8	12/27/15:218470AC	CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.001	0.5	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.01	0.5	
Nickel	200.8	12/27/15:218470AC	CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.03	1	
			CCV	ppb	120.0	97.1 %	90-110	
			CCB	ppb		0.07	1	
Selenium	200.8	12/27/15:218470AC	CCV	ppb	120.0	98.3 %	90-110	
			CCB	ppb		0.02	1	
			CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		0.23	1	
Silver	200.8	12/27/15:218470AC	CCV	ppb	120.0	98.7 %	90-110	
			CCB	ppb		-0.03	1	
			CCV	ppb	120.0	99.7 %	90-110	
			CCB	ppb		-0.02	1	
Thallium	200.8	12/27/15:218470AC	CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.028	0.2	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.063	0.2	
Mercury	245.1	12/21/15:218521AC	CCV	ppt	200.0	101 %	90-110	
			CCB	ppt		-2.5	20	
			CCV	ppt	200.0	101 %	90-110	
			CCB	ppt		-2.5	20	
Aluminum	3010	12/23/15:214884amb  (VI 1544885-001)	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	106 %	85-115	
			MS	ug/L	40.00	-412 %	<¼	
			MSD	ug/L	40.00	-106 %	<¼	
			MSRPD	ug/L	40.00	3.8 %	≤20.0	
			PDS	ug/L	40.00	12.5 %	75-125	430
Antimony	3010	12/23/15:214884amb  (VI 1544885-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	93.4 %	85-115	
			MS	ug/L	40.00	90.6 %	75-125	
			MSD	ug/L	40.00	91.0 %	75-125	
			MSRPD	ug/L	40.00	0.4 %	≤20.0	
			PDS	ug/L	40.00	94.9 %	75-125	
Arsenic	3010	12/23/15:214884amb  (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	110 %	85-115	
			MS	ug/L	40.00	108 %	75-125	
			MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	5.2 %	≤20	
			PDS	ug/L	40.00	108 %	75-125	
Barium	3010	12/23/15:214884amb  (VI 1544885-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	311 %	75-125	435
			MSD	ug/L	40.00	318 %	75-125	435
			MSRPD	ug/L	40.00	1.7 %	≤20.0	
			PDS	ug/L	40.00	322 %	75-125	430
Beryllium	3010	12/23/15:214884amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	101 %	85-115	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Beryllium	3010	(VI 1544885-001)	MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00	101 % 93.5 % 7.2% 98.0 %	75-125 75-125 ≤20.0 75-125	
Cadmium	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 115 % 108 % 107 % 0.6% 110 %	<0.2 85-115 75-125 75-125 ≤20 75-125	
Chromium	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 101 % 106 % 106 % 0.05% 108 %	<1 85-115 75-125 75-125 ≤20 75-125	
Copper	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 99.5 % 128 % 115 % 5.1% 122 %	<1 85-115 75-125 75-125 ≤20.0 75-125	435
Lead	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 105 % 114 % 113 % 1.1% 114 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Nickel	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 103 % 111 % 105 % 5.0% 107 %	<1 85-115 75-125 75-125 ≤20 75-125	
Selenium	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 117 % 106 % 96.6 % 9.0% 107 %	<2 80-120 75-125 75-125 ≤20 75-125	
Silver	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 97.1 % 101 % 100 % 1.3% 101 %	<1 85-115 75-125 75-125 ≤20.0 75-125	
Thallium	3010	12/23/15:214884amb  (VI 1544885-001)	Blank LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L ug/L	 40.00 40.00 40.00 40.00 40.00	ND 102 % 107 % 106 % 1.3% 107 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Mercury	7470	12/21/15:214779amb	Blank LCS	ug/L ug/L	 0.2000	ND 100 %	<0.02 85-115	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Mercury	7470	(CC 1584155-001)	MS MSD MSRPD	ug/L ug/L ug/L	0.2000 0.2000 0.2000	87.2 % 86.7 % 0.5%	75-125 75-125 ≤20	
<b>Wet Chem</b>								
Oil and Grease	1664	01/06/16:200141AMM	Blank LCS BS BSD BSRPD	mg/L mg/L mg/L mg/L mg/L	 44.89 44.89 44.89 44.89	ND 97.9 % 99.3 % 89.0 % 10.9%	<3 78-114 78-114 78-114 ≤18	
Color	2120B	(SP 1514003-001)	Dup	units		0.0	5	
	2120B	12/15/15:218362jmg	CCB CCV	units units	 10.00	0.00 100 %	5.0 90-110	
Turbidity	2130B	(SP 1514026-002)	Dup	NTU		2.2%	20	
	2130B	12/18/15:218393jba	CCV CCB CCV CCB	NTU NTU NTU NTU	10.00  10.00	100 % 0.086 99.6 % 0.086	90-110 0.1 90-110 0.1	
Odor	2150B	(SP 1514003-001)	Dup	TON		0.0	1	
Chromium VI	218.6	12/17/15:214845MCA  (SP 1513926-001)  (SP 1514000-007)	Blank LCS MS MSD MSRPD MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000	ND 95.8 % 100 % 98.6 % 0.034 112 % 95.6 % 0.33	<0.5 90-110 75-125 75-125 ≤0.5 75-125 75-125 ≤0.5	
	218.6	12/18/15:218542MCA	CCB CCV CCB CCV	ppb ppb ppb ppb	 5.000  5.000	0.000 95.9 % 0.000 96.2 %	0.5 95-105 0.5 95-105	
Alkalinity (as CaCO3)	2320B	(SP 1514026-002)	Dup	mg/L		27.6%	3.42	440
	2320B	12/17/15:218341AMB	CCV CCV	mg/L mg/L	234.9 234.9	95.6 % 97.3 %	90-110 90-110	
Bicarbonate	2320B	(SP 1514026-002)	Dup	mg/L		27.6%	4.78	440
Carbonate	2320B	(SP 1514026-002)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(SP 1514026-002)	Dup	mg/L		0.0	10	
Conductivity	2510B	12/17/15:218292JMG	ICB ICV CCV	umhos/cm umhos/cm umhos/cm	 998.0 998.0	0.09 102 % 101 %	1 95-105 95-105	
E. C.	2510B	12/17/15:214631jmg (CC 1584123-005)	Blank Dup	umhos/cm umhos/cm	 	ND 0.07%	<1 5	
Total Dissolved Solids (TFR)	2540CE	12/18/15:214660CTL  (SP 1514063-001)	Blank LCS Dup	mg/L mg/L mg/L	 997.3 	ND 100 % 0.4%	<20 90-110 5	
Solids, Suspended	2540D	12/19/15:214748jba  (CH 1579870-002)	Blank LCS LCS Dup	mg/L mg/L mg/L mg/L	 50.11 50.11 	ND 91.8 % 82.8 % 0.7%	<1 38-138 38-138 28.7	
Chloride	300.0	12/17/15:214797MCA  (VI 1544681-001)	Blank LCS MS MSD MSRPD MS	mg/L mg/L mg/L mg/L mg/L mg/L	 25.00 50.00 50.00 10.00 50.00	ND 97.2 % 94.1 % 97.7 % 3.0% 94.5 %	<1 90-110 85-121 85-121 ≤19 85-121	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note			
Wet Chem Chloride	300.0	(SP 1514075-001)	MSD	mg/L	50.00	95.4 %	85-121				
			MSRPD	mg/L	10.00	0.9%	≤19				
	300.0	12/17/15:218496MCA	CCB	mg/L		0.00		1			
			CCV	mg/L	25.00	95.2 %	90-110				
			CCB	mg/L		0.16		1			
			CCV	mg/L	25.00	95.1 %	90-110				
			CCB	mg/L		0.09		1			
			CCV	mg/L	25.00	95.5 %	90-110				
			CCB	mg/L		0.08		1			
			CCV	mg/L	25.00	95.2 %	90-110				
Fluoride	300.0	12/17/15:214797MCA	Blank	mg/L		ND	<0.1				
			LCS	mg/L	2.500	97.8 %	90-110				
			MS	mg/L	5.000	97.2 %	87-120				
			MSD	mg/L	5.000	101 %	87-120				
			MSRPD	mg/L	10.00	3.5%	≤16				
			MS	mg/L	5.000	95.5 %	87-120				
	300.0	12/17/15:218496MCA	(VI 1544681-001)	(SP 1514075-001)	MSD	mg/L	5.000	96.4 %	87-120		
					MSRPD	mg/L	10.00	0.9%	≤16		
					ICB	mg/L		0.000		0.1	
					ICV	mg/L	2.500	95.8 %	90-110		
					CCB	mg/L		0.000		0.1	
					CCV	mg/L	2.500	96.4 %	90-110		
Nitrate	300.0	12/17/15:214797MCA	(VI 1544681-001)	(SP 1514075-001)	Blank	mg/L		ND	<0.5		
					LCS	mg/L	20.00	97.0 %	90-110		
					MS	mg/L	40.00	95.5 %	85-119		
					MSD	mg/L	40.00	98.3 %	85-119		
					MSRPD	mg/L	10.00	2.3%	≤19		
					MS	mg/L	40.00	95.1 %	85-119		
	300.0	12/17/15:218496MCA	(SP 1514075-001)	(SP 1514075-001)	MSD	mg/L	40.00	96.7 %	85-119		
					MSRPD	mg/L	10.00	1.6%	≤19		
					ICB	mg/L		0.000		0.5	
					ICV	mg/L	20.00	95.2 %	90-110		
					CCB	mg/L		0.000		0.5	
					CCV	mg/L	20.00	95.6 %	90-110		
Nitrite	300.0	12/17/15:214797MCA	(VI 1544681-001)	(SP 1514075-001)	Blank	mg/L		ND	<0.5		
					LCS	mg/L	15.00	98.7 %	90-110		
					MS	mg/L	30.00	97.7 %	74-126		
					MSD	mg/L	30.00	102 %	74-126		
					MSRPD	mg/L	10.00	3.9%	≤20		
					MS	mg/L	30.00	96.3 %	74-126		
	300.0	12/17/15:218496MCA	(SP 1514075-001)	(SP 1514075-001)	MSD	mg/L	30.00	97.6 %	74-126		
					MSRPD	mg/L	10.00	1.3%	≤20		
					ICB	mg/L		0.000		0.5	
					ICV	mg/L	15.00	96.1 %	90-110		
					CCB	mg/L		0.000		0.5	
					CCV	mg/L	15.00	96.7 %	90-110		
Sulfate	300.0	12/17/15:214797MCA	(VI 1544681-001)	(SP 1514075-001)	Blank	mg/L		ND	<2.0		
					LCS	mg/L	50.00	97.3 %	90-110		
					MS	mg/L	100.0	96.2 %	82-124		
					MSD	mg/L	100.0	100 %	82-124		
					MSRPD	mg/L	10.00	3.5%	≤23		
					MS	mg/L	100.0	94.4 %	82-124		
					MSD	mg/L	100.0	95.4 %	82-124		
					MSRPD	mg/L	10.00	0.9%	≤23		

January 18, 2016  
**Rincon Consultants, Inc.**

Lab ID : SP 1514026  
 Customer : 2-25173

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Sulfate	300.0	12/17/15:218496MCA	CCB	mg/L		0.12	2	
			CCV	mg/L	50.00	95.9 %	90-110	
			CCB	mg/L		0.31	2	
			CCV	mg/L	50.00	95.9 %	90-110	
			CCB	mg/L		0.14	2	
			CCV	mg/L	50.00	96.3 %	90-110	
			CCB	mg/L		0.14	2	
			CCV	mg/L	50.00	95.9 %	90-110	
Perchlorate	314.0	12/17/15:214629SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	24.82	113 %	85-115	
		(SP 1513908-002)	MS	ug/L	24.82	112 %	80-120	
			MSD	ug/L	24.82	106 %	80-120	
			MSRPD	ug/L	24.82	5.8%	≤15	
	314.0	12/18/15:218369SBL	CCB	ppb		0.00	1.0	
			CCV	ppb	9.930	108 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	9.930	111 %	85-115	
Nitrogen, Total Kjeldahl	351.2	12/21/15:214763jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.4 %	73-124	
		(SP 1513998-001)	MS	mg/L	12.00	75.1 %	54-136	
			MSD	mg/L	12.00	81.6 %	54-136	
			MSRPD	mg/L	12.00	7.8%	≤27	
Chlorine	4500CIG	12/16/15:218219AMM	CCV	mg/L	0.9900	93.2 %	90-110	
			CCB	mg/L		-0.024	0.1	
			CCV	mg/L	0.9900	93.6 %	90-110	
			CCB	mg/L		-0.024	0.1	
Chlorine, Residual	4500CIG	(CC 1584128-001)	Dup	mg/L		0.0038	0.1	
Cyanide	4500CNCE	12/20/15:218555AMM	CCV	mg/L	0.1000	97.2 %	90-110	
			CCB	mg/L		-0.00088	0.004	
			CCV	mg/L	0.1000	97.2 %	90-110	
			CCB	mg/L		-0.00088	0.004	
			CCV	mg/L	0.1000	98.3 %	90-110	
			CCB	mg/L		-0.00088	0.004	
Cyanide, Total	4500CNCE	12/20/15:214755AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	96.1 %	90-110	
			LCS	mg/L	0.4000	102 %	90-110	
		(SP 1513926-001)	MS	mg/L	0.05000	118 %	26-226	
			MSD	mg/L	0.05000	125 %	26-226	
			MSRPD	mg/L	0.05000	5.3%	≤36	
Ammonia Nitrogen	4500NH3G	(STK1553956-001)	MS	mg/L	2.000	122 %	70-130	
			MSD	mg/L	2.000	111 %	70-130	
			MSRPD	mg/L	2.000	8.9%	≤20	
	4500NH3G	12/28/15:218804AMB	CCB	mg/L		-0.104	0.2	
			CCV	mg/L	2.000	104 %	90-110	
			CCB	mg/L		-0.126	0.2	
			CCV	mg/L	2.000	103 %	90-110	
Phosphorus	4500-P B	12/17/15:214652SJN	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	96.4 %	90-116	
		(SP 1513998-001)	MS	mg/L	0.2500	35.9 %	25-292	
			MSD	mg/L	0.2500	93.9 %	25-292	
			MSRPD	mg/L	0.2500	0.15	≤0.1	435
Total Phosphorus	4500PE	12/18/15:218323SJN	CCB	mg/L		0.007	0.1	
			CCV	mg/L	0.5000	98.0 %	90-110	
			CCB	mg/L		-0.038	0.1	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Total Phosphorus	4500PE	12/18/15:218323SJN	CCV	mg/L	0.5000	89.5 %	90-110	
BOD	5210B	12/16/15:214596NMRP (SP 1514043-002) (SP 1514043-002)	RgBlk	mg/L	198.0	0.38	2	735
			LCS	mg/L		91.9 %	84.6-115	
	5210B	12/21/15:218498AMM	Dup	mg/L	1.4%	15.9		
			Dup	mg/L	6.3%	15.9		
MBAS	5540C	12/15/15:218682jmg	CCV	mg/L	1.000	93.0 %	80-120	
			CCV	mg/L	1.000	95.0 %	80-120	
MBAS Screen	5540C	(SP 1514026-002)	CCB	mg/L		0.000	0.1	
			CCV	mg/L	10.00	100 %	99-101	
Nitrogen, Total Kjeldahl	EPA351.2	12/22/15:218532AMB	MS	mg/L	10.00	100 %	90-110	
			MSD	mg/L	10.00	100 %	90-110	
			MSRPD	mg/L	10.00	0.0	≤0.1	
Nitrogen, Total Kjeldahl	EPA351.2	12/22/15:218532AMB	CCB	mg/L		-0.051	0.5	
			CCV	mg/L	5.000	96.7 %	90-110	
			CCB	mg/L		0.136	0.5	
			CCV	mg/L	5.000	102 %	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 analyte. 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 fourth 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.
735	: Dilution water exceeded DO uptake method criteria

**Quality Control - Radio**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Radio</b>								
Alpha	900.0	01/08/16:218149caa	CCV CCB	cpm cpm	8767	41.3 % 0.100	38 - 46 0.16	
Beta	900.0	12/28/15:218810caa	CCV CCB	cpm cpm	9173	95.6 % 0.4200	87 - 106 0.49	
Gross Alpha	900.0	12/23/15:214870elc  (SP 1514085-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 107.4 107.4 107.4 107.4	 1.48 117 % 122 % 133 % 8.8%	 3 75-125 60-140 60-140 ≤30	
Gross Beta	900.0	12/23/15:214870elc  (SP 1514085-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 73.50 73.50 73.50 107.4	 0.87 109 % 119 % 114 % 4.8%	 4 75-125 80-130 80-130 ≤30	
Alpha	903.0	12/29/15:200252emv	CCV CCB	cpm cpm	8774	41.3 % 0.0800	38 - 46 0.19	
Total Alpha Radium (226)	903.0	12/24/15:214952emv	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 21.59 21.59 21.59 21.59	 0.15 87.4 % 83.1 % 84.7 % 2.0%	 2 52-107 43-111 43-111 ≤35.5	
Beta	905.0	12/22/15:218744caa	CCV CCB	cpm cpm	9174	96.3 % 0.3600	86 - 106 0.55	
Total Strontium	905.0	12/17/15:214666emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 41.35 41.34 41.34 41.34	 0.33 53.1 % 92.5 % 95.6 % 3.3%	 2 53-133 75-125 75-125 ≤20	
Tritium	906.0	12/21/15:214760caa	Blank LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 1628 1628 1628 1628	 -56 104 % 107 % 105 % 1.8%	 <300 75-125 75-125 75-125 ≤25	
	906.0	12/22/15:218552caa	CCV CCB	pCi/L pCi/L	31350	104 % 140	90-110 500	
Alpha	908.0	12/28/15:218809caa	CCV CCB	cpm cpm	8775	43.6 % 0.100	42 - 51 0.12	
Uranium	908.0	12/28/15:214961caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 20.97 20.97 20.97 20.97	 0.30 74.1 % 93.6 % 86.9 % 7.4%	 1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	01/02/16:200182emv	CCV CCB	cpm cpm	19520	45.7 % 0.3800	41 - 50 0.55	
	Ra - 05	01/02/16:200185emv	CCV CCB	cpm cpm	19520	46.0 % 0.3600	41 - 50 0.49	
Ra 228	Ra - 05	12/28/15:214817emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 85.36 85.36 85.36 85.36	 0.05 46.7 % 108 % 108 % 0.2%	 3 27-59 75-125 75-125 ≤25	
<b>Definition</b>								
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.								

January 18, 2016  
Rincon Consultants, Inc.

Lab ID : SP 1514026  
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 analyte. 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.

				4167:12/01/2015				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information															
Client: Rincon Consultants, Inc. Address: Malibu Civic Center WWTP Attn: Torin Snyder 180 N. Ashwood Ave. Ventura, CA 93003  Phone: (760)918-9444ext209 Fax:  Contact Person: Torin Snyder  Project Name: Malibu WWTP - BL GW  Purchase Order Number:  Quote Number: SP 20150526-01				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  EPA 504.1-DBCP,EDB 40ml(VOA)  EPA 524.2 40ml(VOA)-HCl  Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3  TOC 40ml(AVT)-H2SO4  Field Test-Field pH 1pH = 15 MINUTE HOLD TIME!!  Field - pH Date  Field - pH Time  General Mineral 250ml(P)-HNO3 , 16oz(P)  Metals, Total-Al,Sb,As,Ba,Bc,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr_III 250ml(P)-HNO3  Wet Chemistry-CI Res.,N-Organic,Total N,Oil&Grease-1664 ,Total P,TSS,BOD,NH3-N 125ml(AGT), 16oz(P)-H2SO4 , 32oz(AGI)-H2SO4 , 16oz(P), 32oz(P)  Wet Chemistry-Color,Odor,Turbidity 500 ml(AGT)															
Sampler(s)  Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____:____ Lab Number: SP 1514026(104) 2-25173																							
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti Type	Bacti Reason	Sub Organic-EPA 525	***Run Travel Blank Only if Needed*** Please include MDL Reporting 1000ml(AGT)-HCl	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3	TOC 40ml(AVT)-H2SO4	Field Test-Field pH 1pH = 15 MINUTE HOLD TIME!!	Field - pH Date	Field - pH Time	General Mineral 250ml(P)-HNO3 , 16oz(P)	Metals, Total-Al,Sb,As,Ba,Bc,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr_III 250ml(P)-HNO3	Wet Chemistry-CI Res.,N-Organic,Total N,Oil&Grease-1664 ,Total P,TSS,BOD,NH3-N 125ml(AGT), 16oz(P)-H2SO4 , 32oz(AGI)-H2SO4 , 16oz(P), 32oz(P)	Wet Chemistry-Color,Odor,Turbidity 500 ml(AGT)
0	Travel Blank	12/16/15		G	LBW							1	2	4									
<del>1</del>	<del>SMBRP-09</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1</del>	<del>2</del>	<del>4</del>	<del>1</del>	<del>2</del>	<del></del>	<del></del>	<del></del>	<del>1,1</del>	<del>1</del>	<del>1,1,1,1,1</del>	<del>1</del>
2	SMBRP-12	12/16/15	0855	G	MW							1	2	4	1	2	7.51	12/16/15	0855	1,1	1	1,1,1,1,1	1
3	MCWP-MW09	12/16/15	0850	G	MW							1	2	4	1	2	7.76	12/16/15	0850	1,1	1	1,1,1,1,1	1
<del>4</del>	<del>TY-MW-1</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1</del>	<del>2</del>	<del>4</del>	<del>1</del>	<del>2</del>	<del></del>	<del></del>	<del></del>	<del>1,1</del>	<del>1</del>	<del>1,1,1,1,1</del>	<del>1</del>
<del>5</del>	<del>SMBRP-13</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
<del>6</del>	<del>SMBRP-7B</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
<del>7</del>	<del>MCWP-MW04S</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM				Relinquished Date: 12/16/15 Time: 1245 Received By: [Signature]				Relinquished Date: _____ Time: _____ Received By: _____				Relinquished Date: _____ Time: _____ Received By: _____				Relinquished Date: _____ Time: _____ Received By: _____							

R01/100

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Client: Rincon Consultants, Inc. Address: Malibu Civic Center WWTP Attn: Torin Snyder 180 N. Ashwood Ave. Ventura, CA 93003  Phone: (760)918-9444ext209 Fax:  Contact Person: Torin Snyder  Project Name: <b>Malibu WWTP - BL GW</b> Purchase Order Number:  Quote Number: SP 20150526-01				4167:12/01/2015				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information												
Sampler(s)  Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: _____ Time: _____ Lab Number: SP <u>1514020(204)</u> 2-25173				Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Wet Chemistry-Perchlorate, Cyanide, Cr (VI) Field filter Cr 6 16oz(P), 16oz(P)-NaOH, 40ml(VFS)-(NH4)2SO4, NH4OH	Subcontracted - Asbestos-Drinking Water Please include MDL Reporting 32oz(P)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)	Sub Inorganic-Bromate, Chlorite, Low-Level Please include MDL Reporting 40ml(VOA)-Ethylenediamine	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 250ml(AGT)	EPA 531.1 125ml(AGT)-Monochloroacetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)	EPA 552.2 250ml(AGT)-NH4Cl
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti Type	Bacti Reason	Wet Chemistry	Subcontracted	Sub Inorganic	EPA 505	EPA 507	EPA 515	EPA 531.1	EPA 547	EPA 548.1	EPA 549-Diquat	EPA 552.2	
0	Travel Blank	12/16/15		G	LBW															
<del>1</del>	<del>SMBRP-09</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del>1,1,1</del>	<del>1</del>	<del>2</del>	<del>1</del>	<del>2</del>	<del>1</del>						
2	SMBRP-12	12/16/15	0955	G	MW				1,1,1	1	2	1	2	1	1	1	1	1	1	1
3	MCWP-MW09	12/16/15	0856	G	MW				1,1,1	1	2	1	2	1	1	1	1	1	1	1
<del>4</del>	<del>TY-MW-1</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del>1,1,1</del>	<del>1</del>	<del>2</del>	<del>1</del>	<del>2</del>	<del>1</del>						
<del>5</del>	<del>SMBRP-13</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
<del>6</del>	<del>SMBRP-7B</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
<del>7</del>	<del>MCWP-MW04S</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM  Ron/100				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

**Corporate/Offices & Laboratory**  
 853 Corporation Street  
 Santa Paula, CA 93060  
 Phone: (805) 392-2000  
 Env Fax: (805) 525-4172 / Ag Fax: (805) 392-2063

**Office & Laboratory**  
 2500 Stagecoach Road  
 Stockton, CA 95215  
 Phone: (209) 942-0182  
 Fax: (209) 942-0423

**Office & Laboratory**  
 563 E. Lindo  
 Chico, CA 95926  
 Phone: (530) 343-5818  
 Fax: (530) 343-3807

**Office & Laboratory**  
 3442 Empresa Drive, Suite D  
 San Luis Obispo, CA 93401  
 Phone: (805) 783-2940  
 Fax: (805) 783-2912

**Office & Laboratory**  
 9415 W. Goshen Avenue  
 Visalia, CA 93291  
 Phone: (559) 734-9473  
 Fax: (559) 734-8435

				4167:12/01/2015		TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information																	
Client: Rincon Consultants, Inc. Address: Malibu Civic Center WWTP Attn: Torin Snyder 180 N. Ashwood Ave. Ventura, CA 93003  Phone: (760)918-9444ext209 Fax:  Contact Person: Torin Snyder  Project Name: <b>Malibu WWTP - BL GW</b> Purchase Order Number:  Quote Number: SP 20150526-01				Method of Sampling: Composite(C) Grab(G)		**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)																	
Sampler(s)  Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: / / Time: /				Type of Sample		EPA 624 40ml(VOA)-HCl, 250ml(AGT) EPA 625 1000ml(AGT) EPA 625 Pest 1000ml(AGT) Radio Chemistry-Gross Alpha, Gross Beta, Strontium 90, Total Radium 226, Tritium, Uranium, Ra 228 32oz(P), 32oz(P), 32oz(P)-HNO3, 32oz(P), 32oz(P)-HNO3, 125ml(AGT) EPA 608 - Chlordane, Toxaphene and PBCs 1000ml(AGT) Sampling Directive: SEE ADDITIONAL COC FOR CECS Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N, TDS 16oz(P), 16oz(P)-H2SO4 Wet Chemistry-Cr (VI) 8oz(P)-(NH4)2SO4, NH4OH																	
Lab Number: SP 15140260 (B2) 2-25173																							
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti Type	Bacti Reason	Other(O)	System(SYS)	Source(SR)	Waste(W)	EPA 624	EPA 625	EPA 625 Pest	Radio Chemistry	EPA 608	Sampling Directive	SEE ADDITIONAL COC FOR CECS	Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N, TDS	Wet Chemistry-Cr (VI)
0	Travel Blank	2/16/15		G	LBW																		
<del>1</del>	<del>SMBRP-09</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>2,1</del>	<del>1</del>	<del>1</del>	<del>1,1,1,1,2,2</del>	<del>1</del>	<del>X</del>	<del></del>	<del></del>	<del></del>
2	SMBRP-12	2/16/15	0855	G	MW										2,1	1	1	1,1,1,1,2,2	1	X			
3	MCWP-MW09	2/16/15	0850	G	MW										2,1	1	1	1,1,1,1,2,2	1	X			
<del>4</del>	<del>TY-MW-1</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>2,1</del>	<del>1</del>	<del>1</del>	<del>1,1,1,1,2,2</del>	<del>1</del>	<del>X</del>	<del></del>	<del></del>	<del></del>
<del>5</del>	<del>SMBRP-13</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1,1</del>	<del></del>
<del>6</del>	<del>SMBRP-7B</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1,1</del>	<del></del>
<del>7</del>	<del>MCWP-MW04S</del>	<del></del>	<del></del>	<del>G</del>	<del>MW</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del>1</del>
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM				Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:											
Received By: Date: Time:				Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:											

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 Visalia, CA 93291  
 Phone: (559) 734-9473  
 Fax: (559) 734-8435



## Subcontract to Babcock Laboratories, Inc.

Client: <b>Fruit Growers Laboratory, Inc.</b> Address: FGL Environmental, Inc. 853 Corporation St. Santa Paula, CA 93060-3005  Phone: (805)392-2000ext0      Fax: (805)525-4172  Contact Person: Project Name: <b>SP 1514026 - (2-25173)</b> Purchase Order 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	Map Ref.			
Sampler(s) Peter  Compositor Setup Date: ___/___/___      Time: ___/___/___													
Lab Number:													
Samp Num	Location Description	Date Sampled	Time Sampled	Method	Type	Potable	Bacti Type	Bacti Reason	Other	Special	Sub Organic	AGT	HCl
0	Travel Blank	12/16/15	00:00	G	LBW						1		
2	SMBRP-12	12/16/15	09:55	G	MW						1		
3	MCWP-MW09	12/16/15	08:50	G	MW						1		
Remarks:				Relinquished      Date:      Time:		Relinquished      Date:      Time:		Relinquished      Date:      Time:					
Received By:				Date:      Time:		Received By:		Date:      Time:					
Nicole Parson				12/16/15      12:45		Received By:		Date:      Time:					

## Subcontract to EMS Laboratories, Inc.

				Map Ref.																	
<b>Client:</b> Fruit Growers Laboratory, Inc. <b>Address:</b> FGL Environmental, Inc. 853 Corporation St. Santa Paula, CA 93060-3005  <b>Phone:</b> (805)392-2000ext0 <b>Fax:</b> (805)525-4172  <b>Contact Person:</b>  <b>Project Name:</b> SP 1514026 - (2-25173)  <b>Purchase Order Number:</b>				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)											
<b>Sampler(s)</b> Peter  <b>Compositor Setup Date:</b> ___/___/___ <b>Time:</b> ___/___																					
<b>Lab Number:</b>																					
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(NP)	Bacti Type	Bacti Reason	Subcontracted												
2	SMBRP-12	12/16/15	09:55	G	MW				1												
3	MCWP-MW09	12/16/15	08:50	G	MW				1												
<b>Remarks:</b>				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	



## Subcontract to Weck Laboratories, Inc.

Client: <b>Fruit Growers Laboratory, Inc.</b> Address: <b>FGL Environmental, Inc.</b> 853 Corporation St. Santa Paula, CA 93060-3005  Phone: (805)392-2000ext0    Fax: (805)525-4172  Contact Person: Project Name: <b>SP 1514026 - (2-25173)</b> Purchase Order Number:				Map Ref											
Sampler(s) Peter  Compositor Setup Date: ___/___/___    Time: ___/___				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 Inorganic-Bromate, Chlorite, Low-Level Please include MDL Reporting 40ml(VOA)-Ethylenediamine  Sub Contracted-PPCP-EPA 1694M Hormones: 17-b-Estradiol Pharma Positive:Caffeine, DEET, Sucralose Pharma Negative: Triclosan  Order containers from Weck 2x 1L Amber w/ Sodium Azide **Please include MDL Reporting** 1000ml(AGT)  Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 500ml(AGT)											
Lab Number:															
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable	Bacti Type	Bacti Reason	Other	Sub Inorganic	Hormones	Pharma Positive	Pharma Negative	Order containers	Sub Contracted
2	SMBRP-12	12/16/15	09:55	G	MW					1		2			2
3	MCWP-MW09	12/16/15	08:50	G	MW					1		2			2
Remarks:				Relinquished                      Date:                      Time:	Relinquished                      Date:                      Time:	Relinquished                      Date:                      Time:									
Received By:				Date:                      Time:	Received By:                      Date:                      Time:	Received By:                      Date:                      Time:									

### Condition Upon Receipt (Attach to COC)

#### Sample Receipt at SP:

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

#### Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and  
Approved By

**Nicole Parson**



Digitally signed by Nicole Parson  
Title: Sample Receiving  
Date: 12/16/2015-15:31:56

#### Discrepancy Documentation:

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

1. Person Contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Initiated By: \_\_\_\_\_ Date: \_\_\_\_\_  
Problem: \_\_\_\_\_  
  
Resolution: \_\_\_\_\_

2. Person Contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Initiated By: \_\_\_\_\_ Date: \_\_\_\_\_  
Problem: \_\_\_\_\_  
  
Resolution: \_\_\_\_\_

(2025173)  
**Rincon Consultants, Inc.**  
**SP 1514026**  
NMP-12/16/2015-15:31:56

January 26, 2016

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

**Subject: Subcontract Analyses for FGL Lab No. SP 1514026**

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

- Sub Inorganic-Bromate, Chlorite, Low-Level
- Sub Contracted-PPCP-EPA 1694MHormones: 17-b-EstradiolPharma Positive: Caffiene, DEET, SucralosePharma Negative: Triclosan
- Sub Contracted-EPA 1625M NDMA

Please note that this analysis was performed by Weck Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

**Cindy Aguirre**  Digitally signed by Cindy Aguirre  
Title: Customer Service Rep  
Date: 2016-01-26

Enclosure

**CERTIFICATE OF ANALYSIS**

<b>Client:</b> FGL Environmental 853 Corporation Street Santa Paula CA, 93060	<b>Report Date:</b> 01/19/16 16:38
<b>Attention:</b> Cindy Aguirre	<b>Received Date:</b> 12/17/15 10:00
<b>Phone:</b> (805) 392-2012	<b>Turn Around:</b> Normal
<b>Fax:</b> (805) 525-4172	<b>Client Project:</b> SP 1514026-(2-25173)
<b>Work Order(s):</b> 5L17003	

**NELAC #4047-002 ORELAP ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143**

*The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.*

Dear Cindy Aguirre :

Enclosed are the results of analyses for samples received 12/17/15 10:00 with the Chain of Custody document. The samples were received in good condition, at 3.9 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

**Case Narrative:**

**Reviewed by:**

Kim G. Tu  
Project Manager





FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

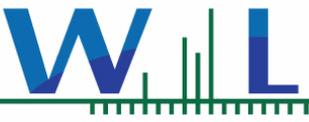
**Date Received:** 12/17/15 10:00  
**Date Reported:** 01/19/16 16:38

**ANALYTICAL REPORT FOR SAMPLES**

<b>Sample ID</b>	<b>Sampled by:</b>	<b>Lab ID</b>	<b>Matrix</b>	<b>Date Sampled</b>
SMBRP-12	Peter	5L17003-01	Water	12/16/15 09:55
MCWP-MW09	Peter	5L17003-02	Water	12/16/15 08:50

**ANALYSES**

- Anions by IC, EPA Method 300.1/326
- Nitrosamines by isotopic dilution GC/MS CI Mode
- PPCPs - Hormones by LC/MSMS-APCI
- PPCPs - Pharmaceuticals by LC/MSMS-ESI-
- PPCPs - Pharmaceuticals by LC/MSMS-ESI+



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/17/15 10:00  
Date Reported: 01/19/16 16:38

5L17003-01 SMBRP-12

Sampled: 12/16/15 09:55

Sampled By: Peter

Matrix: Water

Anions by IC, EPA Method 300.1/326

Method: EPA 300.1	Batch: W5L1317	Prepared: 12/23/15 11:57						Analyst: ajp
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Bromate	ND	0.63	5.0	ug/l	1	12/23/15 18:31		
Chlorite	ND	0.70	10	ug/l	1	12/23/15 18:31		
Surr: Dichloroacetate	108 %	Conc:538	90-115	%				
Surr: Dichloroacetate	108 %	Conc:538	90-115	%				

Nitrosamines by isotopic dilution GC/MS CI Mode

Method: EPA 1625M	Batch: W5L1141	Prepared: 12/21/15 08:49						Analyst: smr
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l	1	12/23/15 11:38		

PPCPs - Hormones by LC/MSMS-APCI

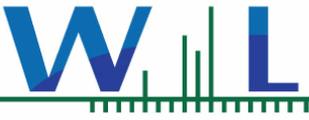
Method: EPA 1694M-APCI	Batch: W5L1635	Prepared: 12/30/15 16:19						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
17-b-Estradiol	ND	0.31	1.0	ng/l	1	01/07/16 00:37		

PPCPs - Pharmaceuticals by LC/MSMS-ESI-

Method: EPA 1694M-ESI-	Batch: W5L1632	Prepared: 12/30/15 15:48						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Triclosan	ND	1.2	2.0	ng/l	1	01/13/16 22:20		

PPCPs - Pharmaceuticals by LC/MSMS-ESI+

Method: EPA 1694M-ESI+	Batch: W5L1634	Prepared: 12/30/15 16:17						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Caffeine	3.6	0.31	1.0	ng/l	1	01/18/16 15:36		
DEET	7.5	0.060	1.0	ng/l	1	01/18/16 15:36		
Sucralose	ND	5.0	10	ng/l	1	01/18/16 15:36	A-01	



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/17/15 10:00  
Date Reported: 01/19/16 16:38

5L17003-02 MCWP-MW09

Sampled: 12/16/15 08:50

Sampled By: Peter

Matrix: Water

Anions by IC, EPA Method 300.1/326

Method: EPA 300.1	Batch: W5L1317	Prepared: 12/23/15 11:57						Analyst: ajp
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Bromate	ND	0.63	5.0	ug/l	1	12/23/15 18:51		
Chlorite	ND	0.70	10	ug/l	1	12/23/15 18:51		
Surr: Dichloroacetate	105 %	Conc:527	90-115	%				
Surr: Dichloroacetate	105 %	Conc:527	90-115	%				

Nitrosamines by isotopic dilution GC/MS CI Mode

Method: EPA 1625M	Batch: W5L1141	Prepared: 12/21/15 08:49						Analyst: smr
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l	1	12/23/15 12:05		

PPCPs - Hormones by LC/MSMS-APCI

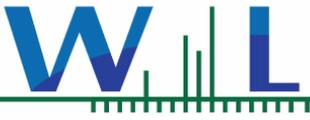
Method: EPA 1694M-APCI	Batch: W5L1635	Prepared: 12/30/15 16:19						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
17-b-Estradiol	0.80	0.31	1.0	ng/l	1	01/07/16 00:53	J	

PPCPs - Pharmaceuticals by LC/MSMS-ESI-

Method: EPA 1694M-ESI-	Batch: W5L1632	Prepared: 12/30/15 15:48						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Triclosan	ND	1.2	2.0	ng/l	1	01/13/16 22:53		

PPCPs - Pharmaceuticals by LC/MSMS-ESI+

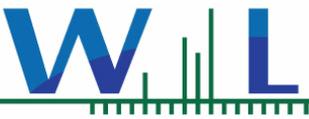
Method: EPA 1694M-ESI+	Batch: W5L1634	Prepared: 12/30/15 16:17						Analyst: kan
Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Caffeine	1.7	0.31	1.0	ng/l	1	01/18/16 15:50		
DEET	3.0	0.060	1.0	ng/l	1	01/18/16 15:50		
Sucralose	ND	5.0	10	ng/l	1	01/18/16 15:50	A-01	



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

**Date Received:** 12/17/15 10:00  
**Date Reported:** 01/19/16 16:38

# QUALITY CONTROL SECTION



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/17/15 10:00  
Date Reported: 01/19/16 16:38

### Anions by IC, EPA Method 300.1/326 - Quality Control

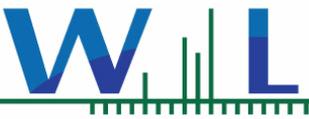
#### Batch W5L1317 - EPA 300.1

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1317-BLK1)</b>					Analyzed: 12/23/15 14:31						
Bromate	ND	0.63	5.0	ug/l							
Chlorite	ND	0.70	10	ug/l							
<i>Surr: Dichloroacetate</i>	500			ug/l	500		100	90-115			
<i>Surr: Dichloroacetate</i>	500			ug/l	500		100	90-115			
<b>LCS (W5L1317-BS1)</b>					Analyzed: 12/23/15 14:51						
Bromate	93.7	0.63	5.0	ug/l	100		94	85-115			
Chlorite	103	0.70	10	ug/l	100		103	85-115			
<i>Surr: Dichloroacetate</i>	485			ug/l	500		97	90-115			
<i>Surr: Dichloroacetate</i>	485			ug/l	500		97	90-115			
<b>Matrix Spike (W5L1317-MS1)</b>					Source: 5L04036-01		Analyzed: 12/24/15 11:14				
Bromate	2070	16	120	ug/l	2500	ND	83	64-133			
Chlorite	2560	18	250	ug/l	2500	ND	102	78-129			
<i>Surr: Dichloroacetate</i>	500			ug/l	500		100	90-115			
<i>Surr: Dichloroacetate</i>	500			ug/l	500		100	90-115			
<b>Matrix Spike (W5L1317-MS2)</b>					Source: 5L16076-03		Analyzed: 12/24/15 13:12				
Bromate	2000	16	120	ug/l	2500	ND	80	64-133			
Chlorite	2840	18	250	ug/l	2500	ND	114	78-129			
<i>Surr: Dichloroacetate</i>	469			ug/l	500		94	90-115			
<i>Surr: Dichloroacetate</i>	469			ug/l	500		94	90-115			
<b>Matrix Spike Dup (W5L1317-MSD1)</b>					Source: 5L04036-01		Analyzed: 12/24/15 11:37				
Bromate	2030	16	120	ug/l	2500	ND	81	64-133	2	20	
Chlorite	2380	18	250	ug/l	2500	ND	95	78-129	7	20	
<i>Surr: Dichloroacetate</i>	473			ug/l	500		95	90-115			
<i>Surr: Dichloroacetate</i>	473			ug/l	500		95	90-115			
<b>Matrix Spike Dup (W5L1317-MSD2)</b>					Source: 5L16076-03		Analyzed: 12/24/15 13:52				
Bromate	2260	16	120	ug/l	2500	ND	90	64-133	12	20	
Chlorite	2600	18	250	ug/l	2500	ND	104	78-129	9	20	
<i>Surr: Dichloroacetate</i>	504			ug/l	500		101	90-115			
<i>Surr: Dichloroacetate</i>	504			ug/l	500		101	90-115			

### Nitrosamines by isotopic dilution GC/MS CI Mode - Quality Control

#### Batch W5L1141 - EPA 1625M

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1141-BLK1)</b>					Analyzed: 12/23/15 10:17						
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l							
<b>LCS (W5L1141-BS1)</b>					Analyzed: 12/23/15 10:44						
N-Nitrosodimethylamine	2.64	0.50	2.0	ng/l	3.00		88	50-150			
<b>LCS Dup (W5L1141-BSD1)</b>					Analyzed: 12/23/15 11:11						
N-Nitrosodimethylamine	2.71	0.50	2.0	ng/l	3.00		90	50-150	3	30	



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

Date Received: 12/17/15 10:00  
Date Reported: 01/19/16 16:38

PPCPs - Pharmaceuticals by LC/MSMS-ESI+ - Quality Control

Batch W5L1634 - EPA 1694M-ESI+

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1634-BLK1)</b>					Analyzed: 01/18/16 14:56						
Caffeine	0.769	0.31	1.0	ng/l							J
DEET	0.490	0.060	1.0	ng/l							J
Sucralose	ND	5.0	10	ng/l							A-01
<b>LCS (W5L1634-BS1)</b>					Analyzed: 01/18/16 15:09						
Caffeine	8.03	0.31	1.0	ng/l	10.0		80	55-152			
DEET	10.4	0.060	1.0	ng/l	10.0		104	45-135			
Sucralose	43.0	5.0	10	ng/l	50.0		86	50-150			
<b>LCS Dup (W5L1634-BSD1)</b>					Analyzed: 01/18/16 15:23						
Caffeine	10.0	0.31	1.0	ng/l	10.0		100	55-152	22	30	
DEET	10.7	0.060	1.0	ng/l	10.0		107	45-135	3	30	
Sucralose	55.8	5.0	10	ng/l	50.0		112	50-150	26	30	

PPCPs - Pharmaceuticals by LC/MSMS-ESI- - Quality Control

Batch W5L1632 - EPA 1694M-ESI-

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1632-BLK1)</b>					Analyzed: 01/13/16 20:42						
Salicylic Acid	18.7	0.86	50	ng/l							J
Triclosan	ND	1.2	2.0	ng/l							
<b>LCS (W5L1632-BS1)</b>					Analyzed: 01/13/16 20:58						
Salicylic Acid	112	0.86	50	ng/l	100		112	56-229			
Triclosan	9.88	1.2	2.0	ng/l	10.0		99	76-139			
<b>LCS Dup (W5L1632-BSD1)</b>					Analyzed: 01/13/16 21:15						
Salicylic Acid	121	0.86	50	ng/l	100		121	56-229	8	30	
Triclosan	10.4	1.2	2.0	ng/l	10.0		104	76-139	5	30	

PPCPs - Hormones by LC/MSMS-APCI - Quality Control

Batch W5L1635 - EPA 1694M-APCI

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Blank (W5L1635-BLK1)</b>					Analyzed: 01/06/16 23:46						
17-b-Estradiol	ND	0.31	1.0	ng/l							
<b>LCS (W5L1635-BS1)</b>					Analyzed: 01/07/16 00:03						
17-b-Estradiol	8.95	0.31	1.0	ng/l	10.0		90	65-146			
<b>LCS Dup (W5L1635-BSD1)</b>					Analyzed: 01/07/16 00:20						
17-b-Estradiol	10.1	0.31	1.0	ng/l	10.0		101	65-146	12	30	



FGL Environmental  
853 Corporation Street  
Santa Paula CA, 93060

**Date Received:** 12/17/15 10:00  
**Date Reported:** 01/19/16 16:38

### Notes and Definitions

<b>J</b>	Estimated conc. detected <MRL and >MDL.
<b>A-01</b>	The batch reporting limit was raised to 10 ppb due to low recovery of low level standard
<b>ND</b>	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)
<b>NR</b>	Not Reportable
<b>Dil</b>	Dilution
<b>dry</b>	Sample results reported on a dry weight basis
<b>RPD</b>	Relative Percent Difference
<b>% Rec</b>	Percent Recovery
<b>Sub</b>	Subcontracted analysis, original report available upon request
<b>MDL</b>	Method Detection Limit
<b>MDA</b>	Minimum Detectable Activity
<b>MRL</b>	Method Reporting Limit

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California Department of Health Services.

The Reporting Limit (RL) is referenced as the Laboratory's Practical Quantitation Limit (PQL) or the Detection Limit for Reporting Purposes (DLR).

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.



## Sample Receipt Acknowledgement

**WORK ORDER:** 5L17003  
**Client:** FGL Environmental  
**Project:** PPCP-EDC

**Printed:** 12/18/2015 6:18:23PM  
**Project Manager:** Kim G. Tu  
**Project Number:** SP 1514026-(2-25173)

**Report To:**

FGL Environmental  
 Cindy Aquirre  
 853 Corporation Street  
 Santa Paula, CA 93060  
 Phone: (805) 392-2012  
 Fax: (805) 525-4172

**Invoice To:**

FGL Environmental  
 Glenn Olson  
 853 Corporation Street  
 Santa Paula, CA 93060  
 Phone : (805) 392-2054  
 Fax: (805) 525-4172

**Date Due:** 01/11/16 15:00 (15 day TAT)

**Received By:** Algabriel T. Holanda

**Date Received:** 12/17/15 10:00

**Logged In By:** Algabriel T. Holanda

**Date Logged In:** 12/17/15 10:34

Samples Received at:	<b>3.9°C</b>	Sample labels & COC agree	<b>Yes</b>	Sufficient holding time for all tests	<b>Yes</b>
All containers intact:	<b>Yes</b>	Samples preserved properly	<b>Yes</b>	Received on Ice	<b>Yes</b>
Custody Seals	<b>No</b>	Sample volume sufficient	<b>Yes</b>	Appropriate sample containers	<b>Yes</b>
Chain of custody completed	<b>Yes</b>				

Analysis	TAT	Expires	Comments
<b>5L17003-01 SMBRP-12 [Water] Sampled 12/16/15 09:55 (GMT-08:00) Pacific Time (US &amp;</b>			
PPCP Pharma-Positive	15	01/13/16 09:55	Caffine, DEET, Sucralose
PPCP Pharma-Negative	15	01/13/16 09:55	Triclosan
PPCP Hormones	15	01/13/16 09:55	17-b-Estradiol
NDMA	15	12/23/15 09:55	
300.1 Chlorite	15	12/30/15 09:55	
300.1 Bromate	15	01/13/16 09:55	
<b>5L17003-02 MCWP-MW09 [Water] Sampled 12/16/15 08:50 (GMT-08:00) Pacific Time (US &amp;</b>			
PPCP Pharma-Positive	15	01/13/16 08:50	Caffine, DEET, Sucralose
PPCP Pharma-Negative	15	01/13/16 08:50	Triclosan
PPCP Hormones	15	01/13/16 08:50	17-b-Estradiol
NDMA	15	12/23/15 08:50	
300.1 Chlorite	15	12/30/15 08:50	
300.1 Bromate	15	01/13/16 08:50	



## Sample Receipt Acknowledgement

**WORK ORDER:** 5L17003  
**Client:** FGL Environmental  
**Project:** PPCP-EDC

**Printed:** 12/18/2015 6:18:23PM  
**Project Manager:** Kim G. Tu  
**Project Number:** SP 1514026-(2-25173)

Comments:

12/18/2015

Authorized Signature

Date

**Note:**

If any of the information included in this sample receipt acknowledgement is incorrect (sample information, analysis, etc), please contact the lab at (626) 336-2139. Thank you.



# INVOICE




<b>Invoice # 513388A</b>

Remit To:  
 FGL Environmental  
 853 Corporation Street  
 Santa Paula, CA 93060

**Rincon Consultants, Inc.**  
**Malibu Civic Center WWTP**  
**Attn: Kari Garcia**  
**180 N. Ashwood Ave.**  
**Ventura, CA 93003**

<b>Account # 2025173</b>	
Date Billed 12/10/2015	Amount Due \$1050.00
Date Due 01/09/2016	Amount Paid

To ensure that your account is properly credited, please return top portion with payment

Keep bottom portion for your records.

# INVOICE



Rincon Consultants, Inc.	Account # 2025173	Date Sampled 12/01/2015	Lab Number SP 1513388
	Invoice # 513388A	Date Billed 12/10/2015	Amount Due \$1050.00
Check Number	Date Paid	Date Due 01/09/2016	Amount Paid
Description of Work	Quantity	Rate	Charge
<b><u>Bacti Analysis</u></b>			
Coliform-LTB-Series 15 Tube	10	24.00	240.00
<b><u>Inorganic Analysis</u></b>			
Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N	10	81.00	810.00
<b>Total</b>			<b>1050.00</b>

(KDM-NL)

December 8, 2015

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

**SP 1513388:1-10 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 1513388-001	N-001	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 10:45	12/01/2015 16:16 LM	12/05/2015 LM
2	SP 1513388-002	N-002	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 11:00	12/01/2015 16:17 LM	12/05/2015 LM
3	SP 1513388-003	N-003	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 12:25	12/01/2015 16:18 LM	12/03/2015 LM
4	SP 1513388-004	N-004	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 10:25	12/01/2015 16:19 LM	12/05/2015 LM
5	SP 1513388-005	L-001	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 13:10	12/01/2015 16:20 LM	12/04/2015 LM
6	SP 1513388-006	L-002	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 13:40	12/01/2015 16:21 LM	12/04/2015 LM
7	SP 1513388-007	L-003	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 13:20	12/01/2015 16:22 LM	12/05/2015 LM
8	SP 1513388-008	L-004	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 11:30	12/01/2015 16:23 LM	12/04/2015 LM
9	SP 1513388-009	L-005	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 12:15	12/01/2015 16:17 RV	12/05/2015 RV
10	SP 1513388-010	L-006	Source-Other	Peter Shellenbarger	Rincon Consultants	12/01/2015 11:50	12/01/2015 16:18 RV	12/05/2015 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	< 1.8	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	< 1.8	< 1.8	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	14	14	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	2	< 1.8	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	350	33	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	540	33	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	240	17	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	170	130	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	350	49	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	350	49	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

‡ Client Notification details.

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

Reviewed and  
 Approved By

**Raquel R. Harvey**



Digitally signed by Raquel R. Harvey  
 Title: Tech Director Microbiology  
 Date: 2015-12-08

December 8, 2015

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Lab ID : SP 1513388  
 Customer : 2-25173

### Laboratory Report

**Introduction:** This report package contains total of 15 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 (3 pages) : Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
N-001	12/01/2015	12/01/2015	SP 1513388-001	SW
N-002	12/01/2015	12/01/2015	SP 1513388-002	SW
N-003	12/01/2015	12/01/2015	SP 1513388-003	SW
N-004	12/01/2015	12/01/2015	SP 1513388-004	SW
L-001	12/01/2015	12/01/2015	SP 1513388-005	SW
L-002	12/01/2015	12/01/2015	SP 1513388-006	SW
L-003	12/01/2015	12/01/2015	SP 1513388-007	SW
L-004	12/01/2015	12/01/2015	SP 1513388-008	SW
L-005	12/01/2015	12/01/2015	SP 1513388-009	SW
L-006	12/01/2015	12/01/2015	SP 1513388-010	SW

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

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

### Inorganic - Wet Chemistry QC

351.2	12/04/2015:214080 All preparation quality controls are within established criteria.
	12/07/2015:214138 All preparation quality controls are within established criteria.
	12/02/2015:213980 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.

December 8, 2015  
Rincon Consultants, Inc.

Lab ID : SP 1513388  
Customer : 2-25173

### Inorganic - Wet Chemistry QC

4500NH3G	12/07/2015:217739 All analysis quality controls are within established criteria.
	12/08/2015:217753 All analysis quality controls are within established criteria.
	12/07/2015:214133 All preparation quality controls are within established criteria, except: The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500NO2B	12/01/2015:217447 All analysis quality controls are within established criteria.
	12/01/2015:213961 All preparation quality controls are within established criteria.
4500NO3F	12/02/2015:217501 All analysis quality controls are within established criteria.
	12/02/2015:213995 All preparation quality controls are within established criteria.
4500-P B	12/02/2015:214009 All preparation quality controls are within established criteria, except: The following note applies to Phosphorus: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500PE	12/03/2015:217498 All analysis quality controls are within established criteria.
EPA351.2	12/03/2015:217533 All analysis quality controls are within established criteria.
	12/07/2015:217660 All analysis quality controls are within established criteria.
	12/08/2015:217740 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: 2015-12-08

December 8, 2015

Lab ID : SP 1513388-001  
 Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-10:45  
 Sampled By : Peter Shellenbarger  
 Received On : December 1, 2015-15:20  
 Matrix : Surface Water

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

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P,1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-12:45CJJ
Nitrite Nitrogen	0.00470	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:11SJM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uhl	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-09:29AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-09:29AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	UI	351.2	213980	12/02/15 08:36	EPA351.2	217533-FI206	12/03/15-08:53AMB
Phosphorus, Total	0.775	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:12SJM

**DQF Flags Definition:**

- b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-002

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-11:00

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : N-002

Project : Malibu WWTP - Surface Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-12:47CJJ
Nitrite Nitrogen	0.00470	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:12SJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	JhUl	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-08:19AMB
Ammonia Nitrogen	0.160	0.2	0.072	mg/L	1	Jh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-08:19AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ul	351.2	213980	12/02/15 08:36	EPA351.2	217533-FI206	12/03/15-08:54AMB
Phosphorus, Total	1.38	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:13SJJ

**DQF Flags Definition:**

- b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-003

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-12:25  
 Sampled By : Peter Shellenbarger  
 Received On : December 1, 2015-15:20  
 Matrix : Surface Water

Description : N-003

Project : Malibu WWTP - Surface Water Monitoring

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-12:49CJJ
Nitrite Nitrogen	0.00591	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:13SJN
Nitrogen, Organic	0.385	0.5	0.072	mg/L	1	UhJl	4500NH3G	214133	12/07/15 03:00	4500NH3G	217753-FI207	12/08/15-06:22AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217753-FI207	12/08/15-06:22AMB
Kjeldahl Nitrogen	0.385	0.5	0.19	mg/L	1	Jl	351.2	213980	12/02/15 08:36	EPA351.2	217533-FI206	12/03/15-08:55AMB
Phosphorus, Total	1.46	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:14SJN
<b>DQF Flags Definition:</b>												
b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-004

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-10:25

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : N-004

Project : Malibu WWTP - Surface Water Monitoring

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:02CJJ
Nitrite Nitrogen	0.00591	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:14SJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uhl	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-09:24AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-09:24AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	UI	351.2	213980	12/02/15 08:36	EPA351.2	217533-FI206	12/03/15-08:58AMB
Phosphorus, Total	1.01	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:17SJJ
<b>DQF Flags Definition:</b>												
b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-005

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-13:10

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : L-001

Project : Malibu WWTP - Surface Water Monitoring

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:04CJJ
Nitrite Nitrogen	0.0204	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:15SJJ
Nitrogen, Organic	0.837	0.5	0.072	mg/L	1	hl	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-08:52AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-08:52AMB
Kjeldahl Nitrogen	0.837	0.5	0.19	mg/L	1	l	351.2	213980	12/02/15 08:36	EPA351.2	217533-FI206	12/03/15-09:00AMB
Phosphorus, Total	0.218	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:18SJJ
<b>DQF Flags Definition:</b>												
b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-006

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-13:40

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : L-002

Project : Malibu WWTP - Surface Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:06CJJ
Nitrite Nitrogen	0.0228	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:16SJJ
Nitrogen, Organic	0.591	0.5	0.072	mg/L	1	hJ	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-10:26AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-10:26AMB
Kjeldahl Nitrogen	0.591	0.5	0.32	mg/L	1	J	351.2	214080	12/04/15 08:22	EPA351.2	217660-FI206	12/07/15-09:24AMB
Phosphorus, Total	0.226	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:19SJJ

**DQF Flags Definition:**

- b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-007

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-13:20

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : L-003

Project : Malibu WWTP - Surface Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:08CJJ
Nitrite Nitrogen	0.0204	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:17SJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217753-FI207	12/08/15-06:08AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217753-FI207	12/08/15-06:08AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	214080	12/04/15 08:22	EPA351.2	217660-FI206	12/07/15-09:25AMB
Phosphorus, Total	0.213	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:20SJJ
<b>DQF Flags Definition:</b>												
b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-008

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-11:30

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : L-004

Project : Malibu WWTP - Surface Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:10CJJ
Nitrite Nitrogen	0.0216	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:18SJJ
Nitrogen, Organic	0.583	0.5	0.072	mg/L	1	hJ	4500NH3G	214133	12/07/15 03:00	4500NH3G	217753-FI207	12/08/15-06:33AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217753-FI207	12/08/15-06:33AMB
Kjeldahl Nitrogen	0.583	0.5	0.32	mg/L	1	J	351.2	214080	12/04/15 08:22	EPA351.2	217660-FI206	12/07/15-09:29AMB
Phosphorus, Total	0.200	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:21SJJ

**DQF Flags Definition:**

- b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-009

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-12:15

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : L-005

Project : Malibu WWTP - Surface Water Monitoring

### Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:12CJJ
Nitrite Nitrogen	0.0216	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:21SJJ
Nitrogen, Organic	0.467	0.5	0.072	mg/L	1	UhJ	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-09:08AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-09:08AMB
Kjeldahl Nitrogen	0.467	0.5	0.32	mg/L	1	J	351.2	214138	12/07/15 07:15	EPA351.2	217740-FI206	12/08/15-05:16AMB
Phosphorus, Total	0.123	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:22SJJ
<b>DQF Flags Definition:</b>												
b The Blank was positive 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 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

December 8, 2015

Lab ID : SP 1513388-010

Customer ID : 2-25173

**Rincon Consultants, Inc.**  
 Malibu Civic Center WWTP  
 Attn: Torin Snyder  
 180 N. Ashwood Ave.  
 Ventura, CA 93003

Sampled On : December 1, 2015-11:50

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Description : L-006

Project : Malibu WWTP - Surface Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
<b>Wet Chemistry</b> <sup>P:1</sup>												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	213995	12/02/15 10:43	4500NO3F	217501-FI207	12/02/15-13:14CJJ
Nitrite Nitrogen	0.0240	0.1	0.0016	mg/L	1	J	4500NO2B	213961	12/01/15 16:28	4500NO2B	217447-UV207	12/01/15-17:22SJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	JhU	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-07:42AMB
Ammonia Nitrogen	0.115	0.2	0.072	mg/L	1	Jh	4500NH3G	214133	12/07/15 03:00	4500NH3G	217739-FI207	12/07/15-07:42AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	214138	12/07/15 07:15	EPA351.2	217740-FI206	12/08/15-05:17AMB
Phosphorus, Total	0.168	0.1	0.031	mg/L	1	bl	4500-P B	214009	12/02/15 15:48	4500PE	217498-UV205	12/03/15-18:23SJJ

**DQF Flags Definition:**

- b The Blank was positive 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 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

December 8, 2015  
**Rincon Consultants, Inc.**

Lab ID : SP 1513388  
 Customer : 2-25173

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrogen, Total Kjeldahl	351.2	12/02/15:213980jmg  (SP 1512896-001)  (SP 1512896-001)	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	95.6 %	73-124	
			LCS	mg/L	12.00	99.4 %	73-124	
			MS	mg/L	12.00	37.0 %	54-136	435
			MSD	mg/L	12.00	34.0 %	54-136	435
			MSRPD	mg/L	12.00	8.7 %	≤27	
	351.2	12/04/15:214080jmg  (CC 1584002-003)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	75.6 %	73-124	
			MS	mg/L	12.00	80.6 %	54-136	
			MSD	mg/L	12.00	81.8 %	54-136	
			MSRPD	mg/L	12.00	1.7 %	≤27	
			351.2	12/07/15:214138jmg  (CC 1583998-001)	Blank	mg/L		ND
LCS	mg/L	12.00			73.9 %	73-124		
MS	mg/L	12.00			72.3 %	54-136		
MSD	mg/L	12.00			77.0 %	54-136		
MSRPD	mg/L	12.00			6.3 %	≤27		
Ammonia Nitrogen	4500NH3G	(CC 1583998-001)  (CC 1583987-001)  (CH 1579513-001)  (SP 1513423-001)			MS	mg/L	2.000	169 %
			MSD	mg/L	2.000	164 %	70-130	435
			MSRPD	mg/L	2.000	3.0 %	≤20	
			MS	mg/L	2.000	168 %	70-130	435
			MSD	mg/L	2.000	184 %	70-130	435
			MSRPD	mg/L	2.000	8.6 %	≤20	
			MS	mg/L	2.000	175 %	70-130	435
			MSD	mg/L	2.000	158 %	70-130	435
			MSRPD	mg/L	2.000	10.3 %	≤20	
			MS	mg/L	2.000	174 %	70-130	435
			MSD	mg/L	2.000	168 %	70-130	435
			MSRPD	mg/L	2.000	3.6 %	≤20	
	4500NH3G	12/07/15:217739AMB	CCB	mg/L		0.063	0.2	
			CCV	mg/L	2.000	104 %	90-110	
			CCB	mg/L		0.060	0.2	
			CCV	mg/L	2.000	101 %	90-110	
			CCB	mg/L		-0.093	0.2	
			CCV	mg/L	2.000	104 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	108 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	105 %	90-110	
			CCB	mg/L		0.000	0.2	
			CCV	mg/L	2.000	109 %	90-110	
4500NH3G	12/08/15:217753AMB	ICB	mg/L		-0.068	0.2		
		ICV	mg/L	2.000	108 %	90-110		
		CCB	mg/L		-0.095	0.2		
		CCV	mg/L	2.000	108 %	90-110		
		CCB	mg/L		0.050	0.2		
		CCV	mg/L	2.000	110 %	90-110		
Nitrite as Nitrogen	4500NO2B	(SP 1513388-001)	MS	mg/L	0.1522	130 %	1-173	
			MSD	mg/L	0.1522	129 %	1-173	
			MSRPD	mg/L	0.1522	0.0012	≤0.1	
	4500NO2B	12/01/15:217447SJM	CCV	mg/L	0.1522	97.5 %	90-110	
			CCB	mg/L		0.003	0.1	
			CCV	mg/L	0.1522	96.7 %	90-110	

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Nitrite as Nitrogen	4500NO2B	12/01/15:217447SJN	CCB CCV CCB	mg/L mg/L mg/L	0.1522	0.007 101 % 0.005	0.1 90-110 0.1	
Nitrate + Nitrite as N	4500NO3F	(CC 1583985-001)	MS	mg/L	11.27	90.4 %	5-285	
			MSD MSRPD	mg/L mg/L	11.27 11.27	92.7 % 1.7%	5-285 ≤30.4	
	4500NO3F	12/02/15:217501CJJ	CCB	mg/L		0.024	0.1	
			CCV	mg/L	11.27	99.1 %	90-110	
			CCB	mg/L		0.011	0.1	
			CCB	mg/L		0.016	0.1	
			CCV	mg/L	11.27	99.6 %	90-110	
			CCB CCV	mg/L mg/L	11.27 11.27	0.077 98.9 %	0.1 90-110	
Phosphorus	4500-P B	12/02/15:214009sjn  (STK1553141-001)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	107 %	90-116	
			MS	mg/L	0.2500	-19.0 %	25-292	435
			MSD	mg/L	0.2500	-9.5 %	25-292	435
			MSRPD	mg/L	0.2500	3.9%	≤13.2	
			CCV	mg/L				
Total Phosphorus	4500PE	12/03/15:217498SJN	CCB	mg/L		0.004	0.1	
			CCV	mg/L	0.5000	98.0 %	90-110	
			CCB	mg/L		0.028	0.1	
			CCV	mg/L	0.5000	104 %	90-110	
			CCB	mg/L		-0.001	0.1	
			CCV	mg/L	0.5000	99.0 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	12/03/15:217533AMB	CCB	mg/L		0.000	0.5	
			CCV	mg/L	5.000	104 %	90-110	
			CCB	mg/L		-0.407	0.5	
			CCV	mg/L	5.000	110 %	90-110	
			CCB	mg/L		-0.418	0.5	
			CCV	mg/L	5.000	105 %	90-110	
	EPA351.2	12/07/15:217660AMB	ICB	mg/L		-0.307	0.5	
			ICV	mg/L	5.000	90.0 %	90-110	
			CCB	mg/L		-0.320	0.5	
			CCV	mg/L	5.000	94.2 %	90-110	
			CCB	mg/L		-0.326	0.5	
			CCV	mg/L	5.000	97.0 %	90-110	
	EPA351.2	12/08/15:217740AMB	CCB	mg/L		-0.431	0.5	
			CCV	mg/L	5.000	91.7 %	90-110	
			CCB CCV	mg/L mg/L	5.000 5.000	-0.475 90.8 %	0.5 90-110	
<b>Definition</b>								
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 analyte. 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.							

December 8, 2015  
**Rincon Consultants, Inc.**

Lab ID : SP 1513388  
Customer : 2-25173

### Quality Control - Inorganic

<b>Definition</b>	
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.
<b>Explanation</b>	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.



### Condition Upon Receipt (Attach to COC)

#### Sample Receipt at SP:

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

#### Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by: \_\_\_\_\_

Reviewed and  
Approved By

**Nicole Parson**



Digitally signed by Nicole Parson  
Title: Sample Receiving  
Date: 12/02/2015-09:11:41

#### Discrepancy Documentation:

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

1. Person Contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Initiated By: \_\_\_\_\_ Date: \_\_\_\_\_  
Problem: \_\_\_\_\_  
  
Resolution: \_\_\_\_\_

2. Person Contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Initiated By: \_\_\_\_\_ Date: \_\_\_\_\_  
Problem: \_\_\_\_\_  
  
Resolution: \_\_\_\_\_

(2025173)  
**Rincon Consultants, Inc.**  
**SP 1513388**  
NMP-12/02/2015-09:11:41