



Malibu Civic Center Wastewater Treatment Facility

Annual 2015 Baseline Groundwater + Surface Water Monitoring Report



Rincon Consultants Inc.
February 29, 2016

Submitted to:

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February 29, 2016
Project 15-01587

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

Sincerely,
RINCON CONSULTANTS, INC.



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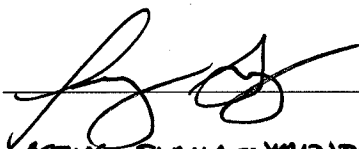
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SUSTAINABILITY DIRECTOR



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1.0 INTRODUCTION

This report presents the results of the Annual 2015 Baseline Groundwater and Surface Water Monitoring 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 (CCWWTF).
- 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 are general descriptions 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 CCWWTF, 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 CCWWTF 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 CCWWTF 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 CCWWTF 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, near the Santa Barbara/Ventura County line, and the eastern Los Angeles/Orange 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 (LARWQCB, 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 (California Department of Water Resources (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; Ambrose and Orme, 2000; Fugro West, 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 2015

The following activities were completed during 2015:

- The City of Malibu and Rincon met with the LARWQCB to review and kick-off the groundwater and surface water monitoring program on August 19, 2015.
- Rincon measured depth to water in the groundwater monitoring wells on August 24, 2015, September 21, 2015, 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 groundwater samples from groundwater monitoring wells LAMW-5S, MCWP-MW04S, MCWP-MW04D, MCWP-MW05, MCWP-MW06, MCWP-MW10, and CCPE during September 22 to 29, 2015. A sample container for chromium analysis for MCWP-MW-04S was dropped at the laboratory and the sample was lost; the well was resampled on December 14, 2015. Due to well access issues, groundwater monitoring wells SMBRP-7B, SMBRP-9, SMBRP-12, MCWP-MW09, SMBRP-13, and TY-MW-1 were not sampled until December 15 to 16, 2015.

5.0 GROUNDWATER ELEVATIONS AND GRADIENTS

Rincon measured the depth to water in accessible groundwater monitoring wells using an electronic water level indicator on August 24, 2015, September 21, 2015, October 20, 2015, November 16, 2015, and December 14, 2015 (Table 1).

5.1 SHALLOW ZONE

The groundwater elevations were calculated for 25 monitoring wells and ranged from 4.57 feet above mean sea level (amsl), in groundwater monitoring well MCWP-MW08 on August 24, 2015, to 19.95 feet amsl in groundwater monitoring well SMBRP-8 on August 24, 2015 (Table 1 and Figure 3 to 7). From August to December 2015, groundwater elevations have decreased in eight wells by a minimum of 0.39 feet in groundwater monitoring well MBCMW-10 to a maximum of 0.69 feet in groundwater monitoring well SMBRP-10C. Groundwater elevations have increased in 17 wells by a minimum of 0.09 feet in groundwater monitoring well SMBRP-7B and a maximum of 1.71 feet in groundwater monitoring well SMBRP-6. The predominant direction of groundwater flow ranged from southeast to south, towards the coastline. Elevation data and flow direction are depicted in Figure 3 through Figure 7.

The shallow groundwater gradient ranged from 0.0027 feet/foot to 0.0034 feet/foot (calculated using groundwater monitoring wells SMBRP-9, SMBRP-12, and SMBRP-2) during the monitoring events in August 2015 through December 2015.

5.2 DEEP ZONE

For the eight groundwater monitoring wells screened in the deep zone, the groundwater elevations ranged from 5.54 feet amsl in groundwater monitoring well MCWP-MW07D on October 20, 2015 to 11.55 feet amsl in groundwater monitoring well MCWP-MW09 on December 14, 2015 (Table 1). Groundwater elevations have increased in the deep zone, when



comparing the groundwater elevations from August to December 2015, by a minimum 0.90 feet in groundwater monitoring well MCWP-MW03 and a maximum of 1.25 feet in groundwater monitoring well MCWP-MW02.

5.3 WINTER CANYON

For the two groundwater monitoring wells in Winter Canyon, groundwater elevations ranged from 9.47 feet in groundwater monitoring well SMBRP-11 on August 24, 2015 to 51.25 feet amsl in groundwater monitoring well LAMW-5S on September 21, 2015 (Table 1). Groundwater elevations increased by 0.17 feet in groundwater monitoring well LAMW-5S and 0.53 feet in groundwater monitoring well SMBRP-11 from August to December 2015.

6.0 WATER QUALITY SAMPLING AND ANALYSIS

6.1 SURFACE WATER SAMPLING METHODOLOGY

During the Third and Fourth Quarter 2015 events, a total of ten surface water samples were collected during each of sampling event (September 25 and December 1, 2015). 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 during each of the sampling events.

Surface water samples from nearshore were collected from each location at a depth of approximately 3 to 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 SURFACE WATER ANALYTICAL LABORATORY RESULTS

The surface water samples collected during the Third and Fourth Quarter 2015 sampling events were analyzed by FGL. The laboratory analytical results for the Third and Fourth Quarter monitoring events included the constituents listed in Table 3. Laboratory analytical reports are included as Appendix A of this report.

6.2.1 Total Coliform

During the Third and Fourth Quarter 2015 monitoring events, 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 70 MPN/100 mL at N-001 and the average concentration was 20.7



MPN/100 mL. Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 170 MPN/100 mL at L-004 and L-006 to 920 MPN/100 mL at L-001 and L-002 and the average concentration was 423 MPN/100 mL.

6.2.2 Fecal Coliform

During the Third and Fourth Quarter 2015 monitoring events, fecal coliform concentrations in the near shore surface water ranged from 4 MPN/100 mL at N-003 to 46 MPN/100 mL at N-001 and the average concentration was 17 MPN/100 mL. Fecal coliform concentrations in the Malibu Lagoon and Creek surface water ranged from 17 MPN/100 mL at L-003 to 170 MPN/100 mL at L-006 and the average concentration was 60 MPN/100 mL.

6.2.3 Nitrogen

6.2.3.1 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 Third and Fourth Quarter 2015 monitoring events were not detected above the reporting limit of 0.1 milligrams per liter (mg/L).

6.2.3.2 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 Third and Fourth Quarter 2015 monitoring events were not detected above the reporting limit of 0.1 mg/L.

Ammonia (NH_3) is the primary form of nitrogen in OWDS effluent, and it is converted to nitrate during the leaching process through the vadose zone (Figure 8). Ammonia concentrations in surface water samples collected at the near shore and the Malibu Lagoon and Creek sampling locations during the Third and Fourth Quarter 2015 monitoring events were not detected above the laboratory reporting limit of 0.2 mg/L.

TKN concentrations in surface water samples collected at the near shore sampling locations during the Third and Fourth Quarter 2015 monitoring events were not detected above the reporting limit of 0.5 mg/L. TKN detected in surface water samples collected at the Malibu Lagoon and Creek sampling locations during the Third and Fourth Quarter 2015 sampling event ranged from 0.583 mg/L at sampling location L-004 to 3.80 mg/L at sampling location L-005 with an average concentration of 2.07 mg/L.

Organic nitrogen concentrations in surface water samples collected at the near shore sampling locations during the Third and Fourth Quarter 2015 monitoring events were not detected above the reporting limit of 0.5 mg/L. Organic nitrogen detected in surface water samples collected at the Malibu Lagoon and Creek sampling locations during the Third and Fourth Quarter 2015 sampling event ranged from 0.583 mg/L at sampling location L-004 to 3.80 mg/L at sampling location L-005 with an average concentration of 2.06 mg/L.



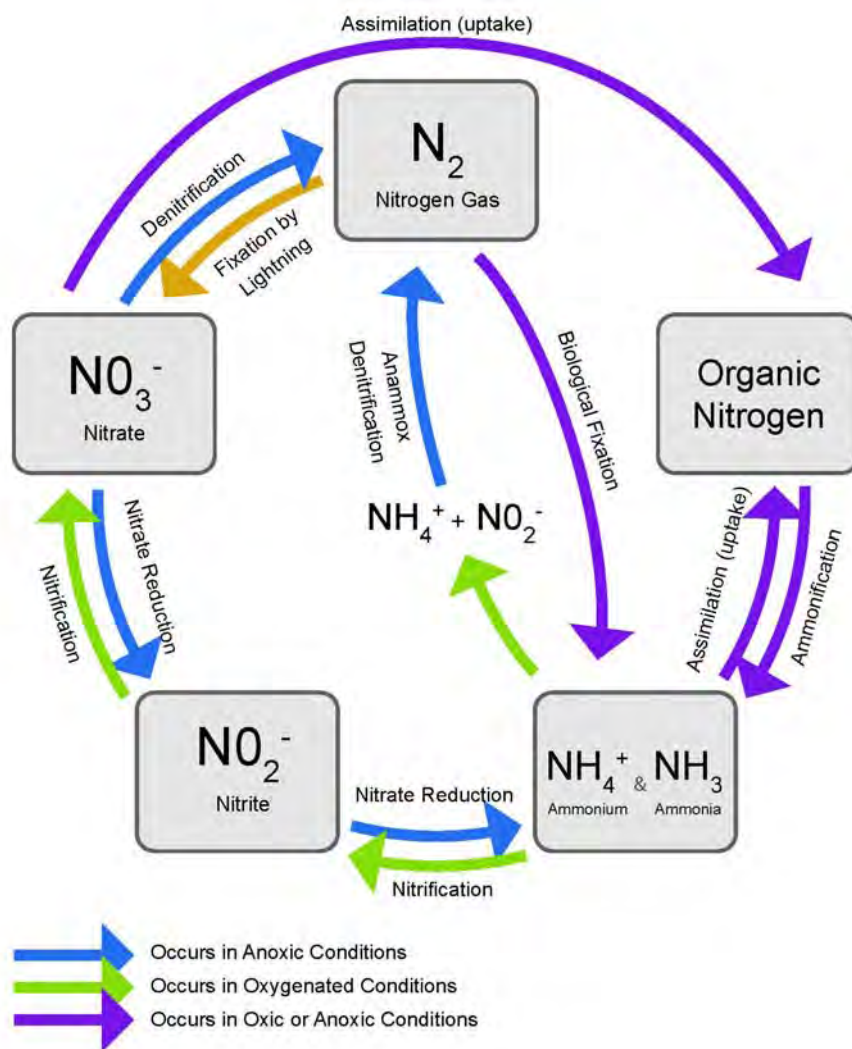


Figure 8. The Nitrogen Cycle

6.2.4 Total Phosphorous

Total phosphorus concentrations detected in surface water samples collected at the near shore sampling locations during the Third and Fourth Quarter 2015 sampling event ranged from 0.288 mg/L at sampling location N-004 to 1.76 mg/L at sampling location N-001 with an average concentration of 1.10 mg/L. Total phosphorus concentrations detected in surface water samples collected at Malibu Lagoon and Creek during the Third and Fourth Quarter 2015 sampling event ranged from 0.123 mg/L at L-005 to 0.558 mg/L at L-001 with an average concentration of 0.287 mg/L.

6.2.5 Analytical Laboratory QA/QC

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



6.3 GROUNDWATER SAMPLING METHODOLOGY

A total of nine groundwater samples were collected from September 22 to September 29, 2015. Six groundwater monitoring wells were not accessible during the September 2015 monitoring event. In addition, a sample bottle for chromium analysis from monitoring well MCWP-MW04S was inadvertently dropped by laboratory staff and the water sample was lost. Monitoring well MCWP-MW04S was resampled on December 14, 2015 and the six previously inaccessible groundwater monitoring wells were sampled during December 15 to 16, 2015.

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 data are included in Appendix B. Field equipment was decontaminated between each well. Purged groundwater and decontamination water was stored in steel 55 gallon drums, in general accordance with Department of Transportation (DOT) regulations.

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 analyses are shown in the Groundwater and Surface Water Analysis Matrix (Table 2).

6.4 GROUNDWATER ANALYTICAL LABORATORY RESULTS

Laboratory analytical reports are included in Appendix A of this report. The following constituents are summarized in Table 4.

6.4.1 Total Coliform

During 2015 groundwater monitoring, total coliform concentrations in the groundwater monitoring wells ranged from 2 MPN/100 mL at MCWP-MW10 to greater than 1,600 MPN/100 mL (analytical method SM9221B has an upper detection limit of 1,600 MPN/100mL) at CCPE and the average concentration was 250.75 MPN/100mL.

6.4.2 Fecal Coliform

During 2015 groundwater monitoring, fecal coliform concentrations in the groundwater monitoring wells sampled ranged from 4.5 MPN/100 mL at LAMW-5S to 49 MPN/100 mL at CCPE and the average concentration was 26.75 MPN/100.

6.4.3 Nitrogen

6.4.3.1 Nitrate as Nitrogen

During 2015 groundwater monitoring, nitrate as nitrogen ranged from 0.2 mg/L at MCWP-MW06 to 17.8 mg/L at SMBRP-9 with an average concentration of 8.37 mg/L. The water sample collected from SMBRP-9 exceeded the Maximum Contaminant Level (MCL) for nitrate 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

During 2015 groundwater monitoring, nitrite as nitrogen was not detected above the laboratory detection limit of 0.1 mg/L. Ammonia concentrations detected ranged from less than 0.20 mg/L at SMBRP-13 to 6.41 mg/L at SMBRP-12 with an average concentration of 1.40 mg/L. Ammonia (NH₃) is the primary form of nitrogen in OWDS effluent, and it is converted to nitrate during the leaching process through the vadose zone (Figure 8 above).

Organic nitrogen concentrations detected ranged from 0.986 mg/L at LAMW-5S to 1.00 mg/L at MCWP-MW04S, with an average concentration of 0.99 mg/L. TKN concentrations ranged from less than 0.552 mg/L at SMBRP-7B to 5.81 mg/L at SMBRP-12 with an average concentration of 1.74 mg/L.

6.4.4 Total Phosphorous

During 2015 groundwater monitoring, total phosphorus concentrations in groundwater samples analyzed ranged from 0.218 mg/L at MCWP-MW09 to 14.7 mg/L at LAMW-5S with an average concentration of 1.76 mg/L.

6.4.5 Total Dissolved Solids

During 2015 groundwater monitoring, TDS concentrations in groundwater samples analyzed ranged from 769 mg/L at LAMW-5S to 6,510 mg/L at MCWP-MW04S with an average concentration of 2,166 mg/L.

6.4.6 Boron

During 2015 groundwater monitoring, boron concentrations in groundwater samples analyzed ranged from 0.272 mg/L at TY-MW-1 to 2.09 mg/L at MCWP-MW04S with an average concentration of 0.73 mg/L.

6.4.7 Sulfate

During 2015 groundwater monitoring, sulfate concentrations in groundwater samples analyzed ranged from 156 mg/L at LAMW-5S to 3,440 mg/L at MCWP-MW04S with an average concentration of 849 mg/L.

6.4.8 Chloride

During 2015 groundwater monitoring, chloride concentrations ranged from 103 mg/L at LAMW-5S to 723 mg/L at MCWP-MW09 in groundwater samples analyzed with an average concentration of 366 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 MONITORING AND REPORTING ACTIVITIES FOR 2016

The following activities will be completed during 2016:

- Rincon will collect and analyze surface water and groundwater samples annually for MRP compliance (Task I).
- Rincon will collect and analyze groundwater samples semi-annually for SNMP compliance (Task III).
- Rincon will collect and analyze groundwater samples semi-annually for MOU compliance (Task IV).
- Rincon will measure depth to water in the groundwater monitoring wells on a monthly basis (Task V).

8.0 SUMMARY OF SURFACE WATER MONITORING ACTIVITIES

During the Third Quarter and Fourth Quarter monitoring events, total coliform concentrations in the near shore surface water ranged from 2 MPN/100 mL at N-004 to 70 MPN/100 mL at N-001 and the average concentration was 20.7 MPN/100 mL. Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 170 MPN/100 mL at L-004 and L-006 to 920 MPN/100 mL at L-001 and L-002 and the average concentration was 423 MPN/100 mL.

Fecal coliform concentrations in the near shore surface water ranged from 4 MPN/100 mL at N-003 to 46 MPN/100 mL at N-001 and the average concentration was 17 MPN/100 mL. Fecal coliform concentrations in the Malibu Lagoon and Creek surface water ranged from 17 MPN/100 mL at L-003 to 170 MPN/100 mL at L-006 and the average concentration was 60 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.

9.0 SUMMARY OF GROUNDWATER MONITORING ACTIVITIES

During 2015 monitoring event, groundwater elevations were relatively consistent from the August to December monitoring events. Shallow groundwater generally flows southeast to south, towards the coastline.

During 2015 groundwater event, total coliform concentrations in groundwater ranged from 2 MPN/100 mL in MCWP-MW10 to greater than 1,600 MPN/100 mL in CCPE with an average



concentration of 250.75 MPN/100 mL. Fecal coliform concentrations in groundwater ranged from 4.5 MPN/100 mL in LAMW-5S to 49 MPN/100 mL in CCPE with an average concentration of 26.75MPN/100 mL.

Nitrate as nitrogen concentrations in groundwater ranged from 0.2 mg/L at MCWP-MW06 to 17.8 mg/L at SMBRP-9 with an average concentration of 8.37 mg/L. 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 769 mg/L in at LAMW-5S to 6,510 mg/L at MCWP-MW04S with an average concentration of 2,068 mg/L.

10.0 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.



11.0 REFERENCES

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



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	Date	TOC Elevation (ft amsl)	Depth to Water (ft bTOC)	Groundwater Elevation (ft amsl)
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

Shallow Groundwater Monitoring Wells (continued)				
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
Groundwater and Surface Water Analysis Matrix

	Baseline GW Monitoring SGMp MOU	SNMP MOU	Baseline GW Monitoring SNMp MOU	Baseline GW Monitoring SNMp MOU	SNMp MOU	SNMp MOU	SNMp MOU	SNMp MOU	Baseline GW Monitoring SNMp MOU	Baseline GW Monitoring SNMp MOU	Baseline GW Monitoring SNMp MOU	Baseline GW Monitoring SNMp MOU	Baseline GW Monitoring SNMp MOU	SNMp	SNMp	Baseline GW Monitoring SGMp MOU	
Groundwater																	
Laboratory Analysis	LAMW-5S	SMBRP-7B	SMBRP-9	SMBRP-12	SMBRP-13	MCWP-MW10	CCPE	MBCMw-9	MCWP-MW-04S	MCWP-MW-04D	MCWP-MW07S	MCWP-MW07D	MCWP-MW09	MCWP-MW05	MCWP-MW06	TY-MW-1	
General Chemistry (pH, Total Dissolved Solids, Sulfate, Chloride, Boron, Methylene Blue Active Substances (MBAS)/Foaming Agents)	✓	✓ (TDS only)	✓	✓	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	N/S	✓	✓	✓	✓	✓	✓ (TDS only)	✓ (TDS only)	✓	
Biological Oxygen Demand (BOD)	✓	-	✓	✓	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Turbidity (includes color and odor)	✓	-	✓	✓	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Total Suspended Solids	✓	-	✓	✓	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Residual Chlorine	✓	-	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Total Organic Carbon	✓	-	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Oil and Grease	✓	-	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Nitrate and Nitrite as Nitrogen (calculation)	✓	-	✓	✓	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Organic Nitrogen (calculation)	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Total Nitrogen (includes TKN)	✓	-	✓	✓	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	✓
Constituents listed in Attachments A1 to A5 of MRP CI 10042																	
Metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, mercury, nickel, selenium, thallium)	✓	-	✓	-	-	-	-	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)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Glyphosate (EPA Method 547)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Endothall (EPA Method 548.1)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Diquat (EPA Method 549.2)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
2,3,7,8-TCDD (Dioxin) (EPA Method 1613)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Trihalomethanes	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Haloacetic Acids	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
Bromate	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	-	-	-	✓
Chlorite	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	-	-	-	✓
Metals (aluminum, copper, iron, manganese, silver, zinc) (included in Color and Odor (included in turbidity above)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	✓	-	-	✓
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
Groundwater and Surface Water Analysis Matrix

	Baseline GW Monitoring SGMP MOU	SNMP MOU	Baseline GW Monitoring SNMP MOU	Baseline GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	Baseline GW Monitoring SNMP MOU	Baseline GW Monitoring SNMP MOU	Baseline GW Monitoring SNMP MOU	Baseline GW Monitoring SNMP MOU	Baseline GW Monitoring SNMP MOU	SNMP	SNMP	Baseline GW Monitoring SGMP MOU
Groundwater																
Laboratory Analysis	LAMW-5S	SMBRP-7B	SMBRP-9	SMBRP-12	SMBRP-13	MCWP-MW10	CCPE	MBCMW-9	MCWP-MW-04S	MCWP-MW-04D	MCWP-MW07S	MCWP-MW07D	MCWP-MW09	MCWP-MW05	MCWP-MW06	TY-MW-1
Constituents of Emerging Concern in Attachment C of MRP CI 10042																
17β-Estradiol	✓	-	✓	-	-	-	-	N/S	✓	✓	✓	✓	-	-	-	✓
Caffeine	✓	-	✓	-	-	-	-		✓	✓	✓	✓	-	-	-	✓
n-Nitrosodimethylamine (NDMA)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	-	-	-	✓
Triclosan	✓	-	✓	-	-	-	-		✓	✓	✓	✓	-	-	-	✓
n,n-Diethyl-meta-toluamide (DEET)	✓	-	✓	-	-	-	-		✓	✓	✓	✓	-	-	-	✓
Sucralose	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	-	-	-
Priority Pollutants listed in Attachment D of MRP CI 10042																
Metals (antimony, arsenic, barium, beryllium, cadmium, chromium	✓	-	✓	-	-	-	-	N/S	✓	✓	✓	✓	✓	-	-	✓
Chromium VI	✓	-	✓	-	-	-	-		✓	✓	✓	✓	✓	-	-	✓
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

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

Notes:
✓ : Laboratory analysis completed
- : Analysis not required
N/S: Not sampled; well dry at time of sampling

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

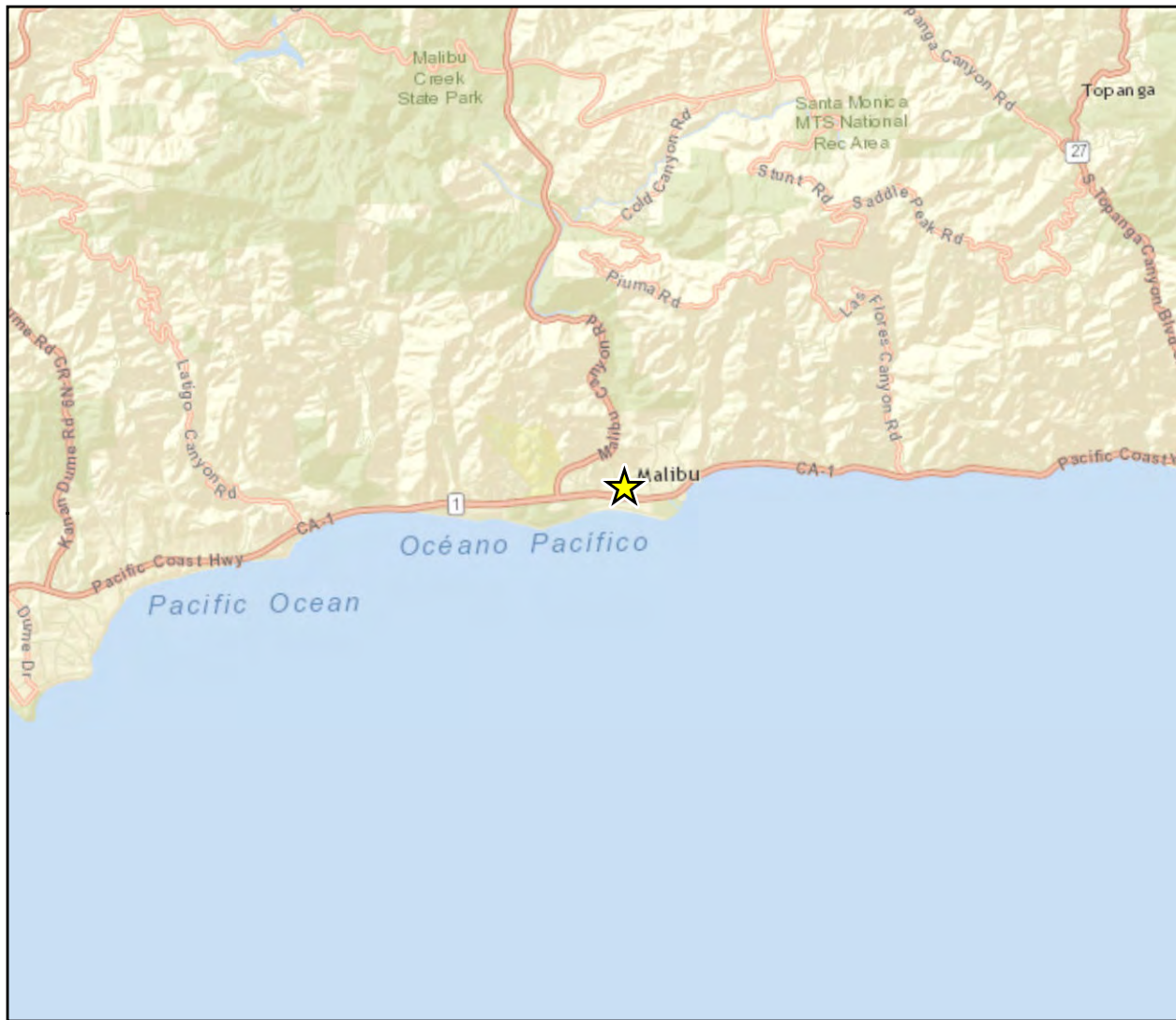
BSW: below surface water

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

Table 4
Groundwater Analytical Results

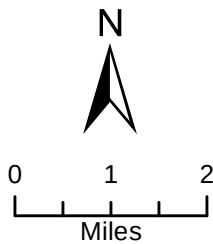
			Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)												
Well ID	Well Depth (BGS)	Sample Date	Total	Fecal	Nitrate as NO ₃	Nitrite as N	Nitrate + Nitrite as N	Nitrate Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Nitrogen, Total as Nitrogen	Phosphorous, Total	Boron	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	12/15/2015	11	<1.8	-	<0.1	-	<0.1	<0.5	<0.2	0.552	-	0.478	-	-	3,090	-
SMBRP-9	45 feet	12/15/2015	<1.8	<1.8	78.8	<0.1	17.8	17.8	<0.5	0.331	<0.5	17.8	0.41	0.56	538	2,100	309
SMBRP-12	25 feet	12/16/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	6.41	5.81	5.81	1.36	0.923	426	2,140	478
SMBRP-13	19 feet	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	well was dry at time of sampling														
MCWP-MW04S	20 feet	9/28/2015	17	<1.8	<0.4	<0.1	<0.1	<0.1	1.00	<0.2	1.00	1.26	0.516	2.09	3440	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	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	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

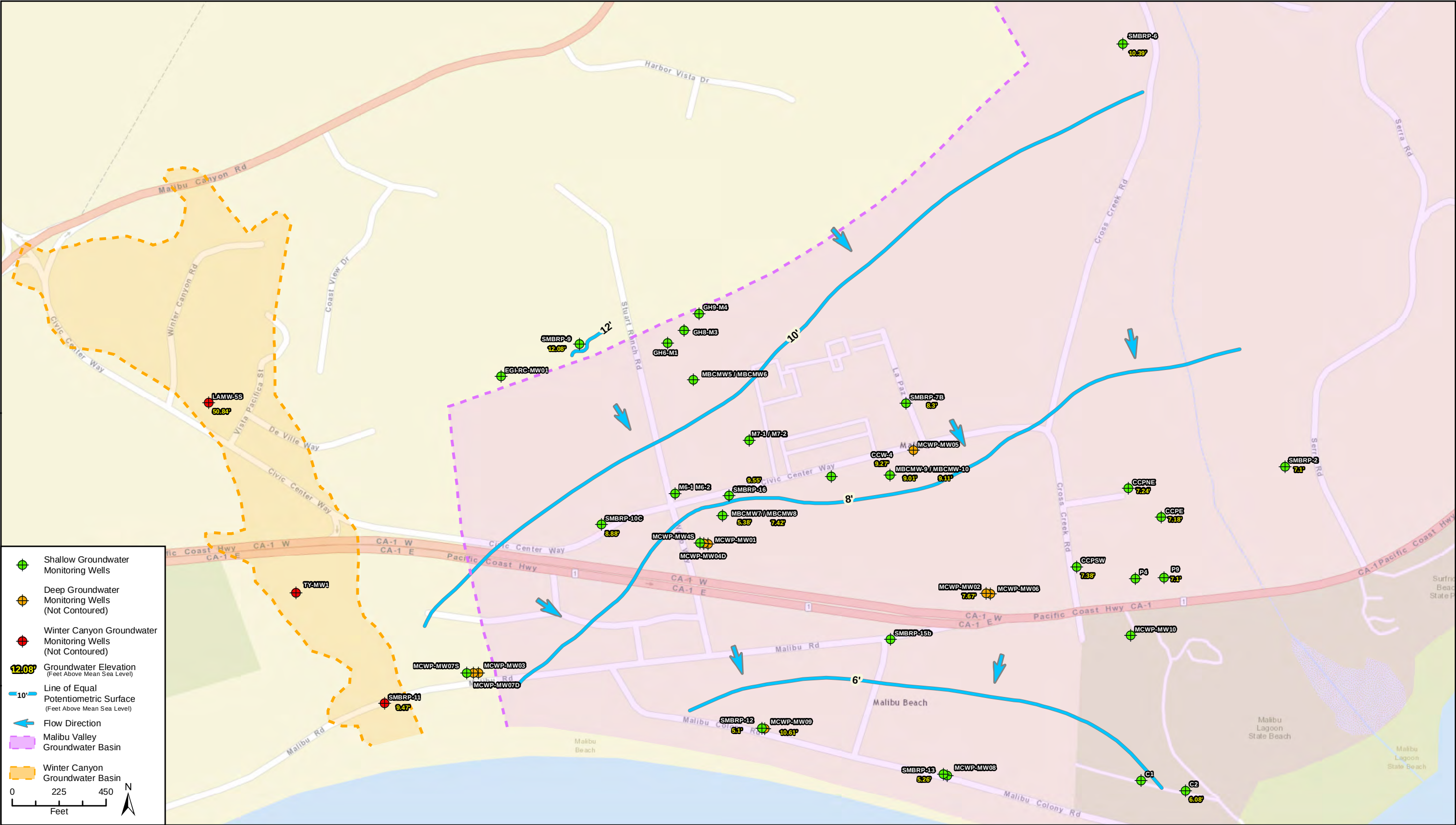
Figure 1



Imagery provided by ESRI and its licensors © 2015.

Site Map

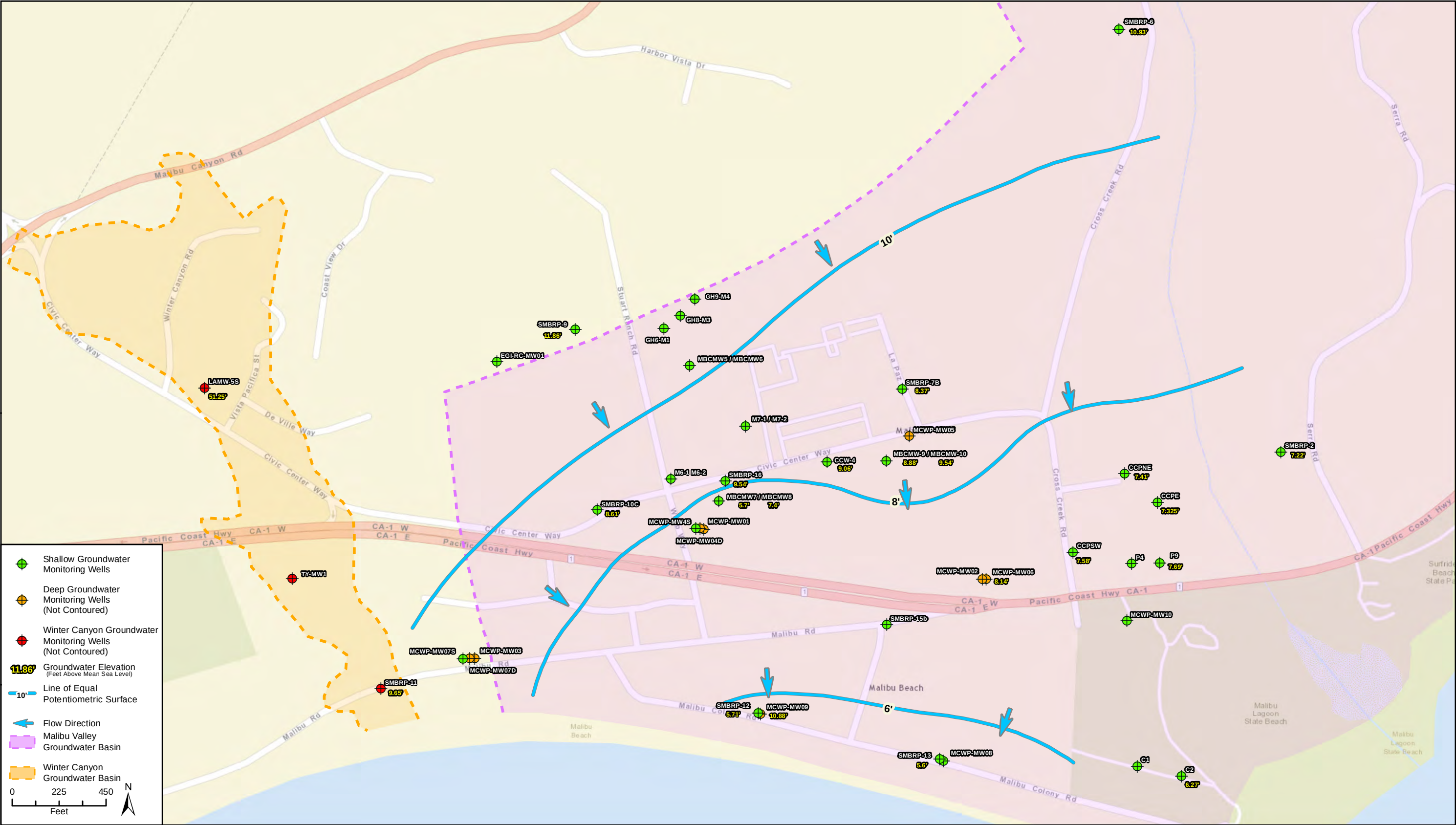
Figure 2



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Shallow Groundwater Elevations
August 2015

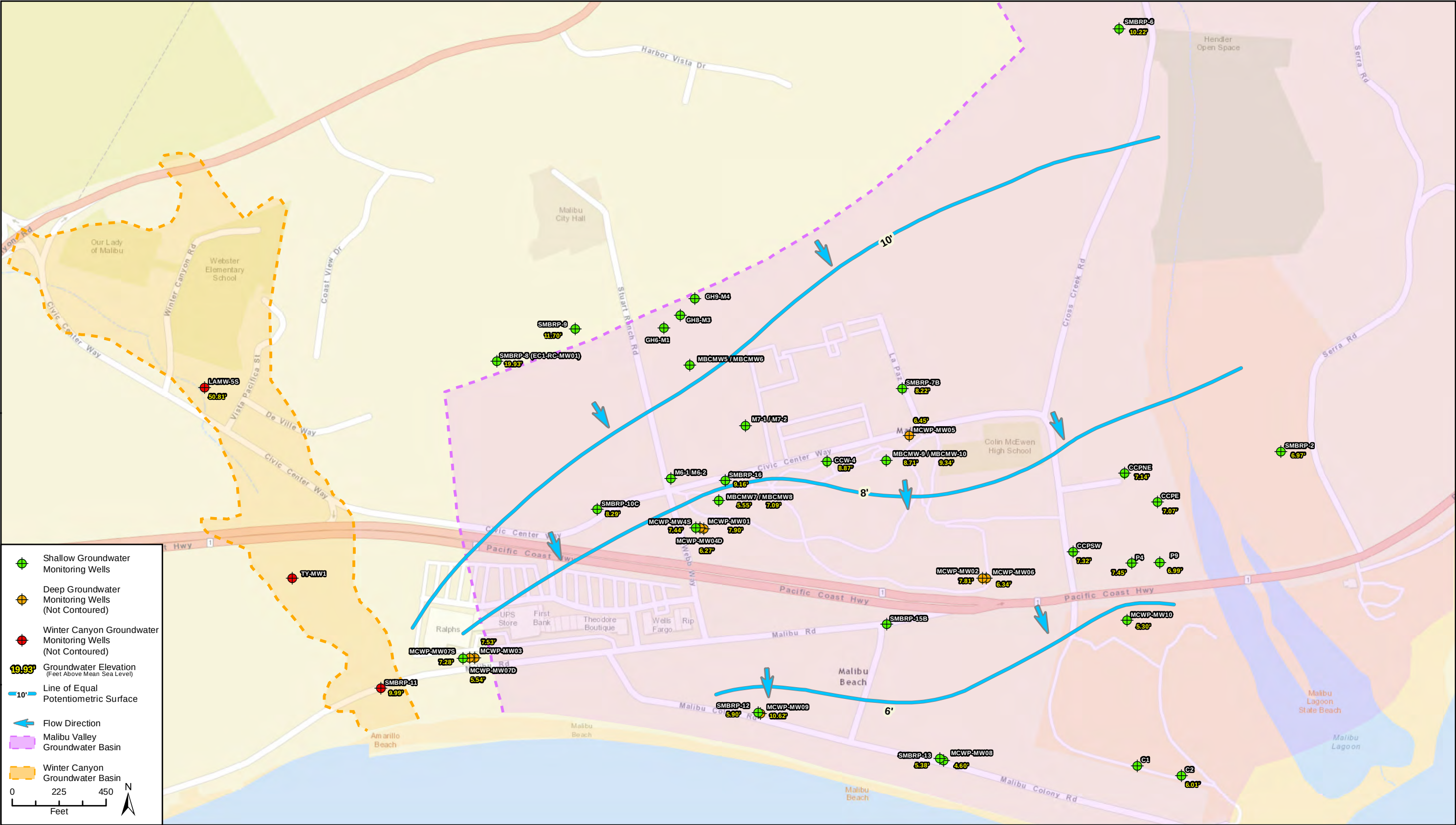
Figure 3
Rincon Consultants Inc.



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Shallow Groundwater Elevations
September 2015

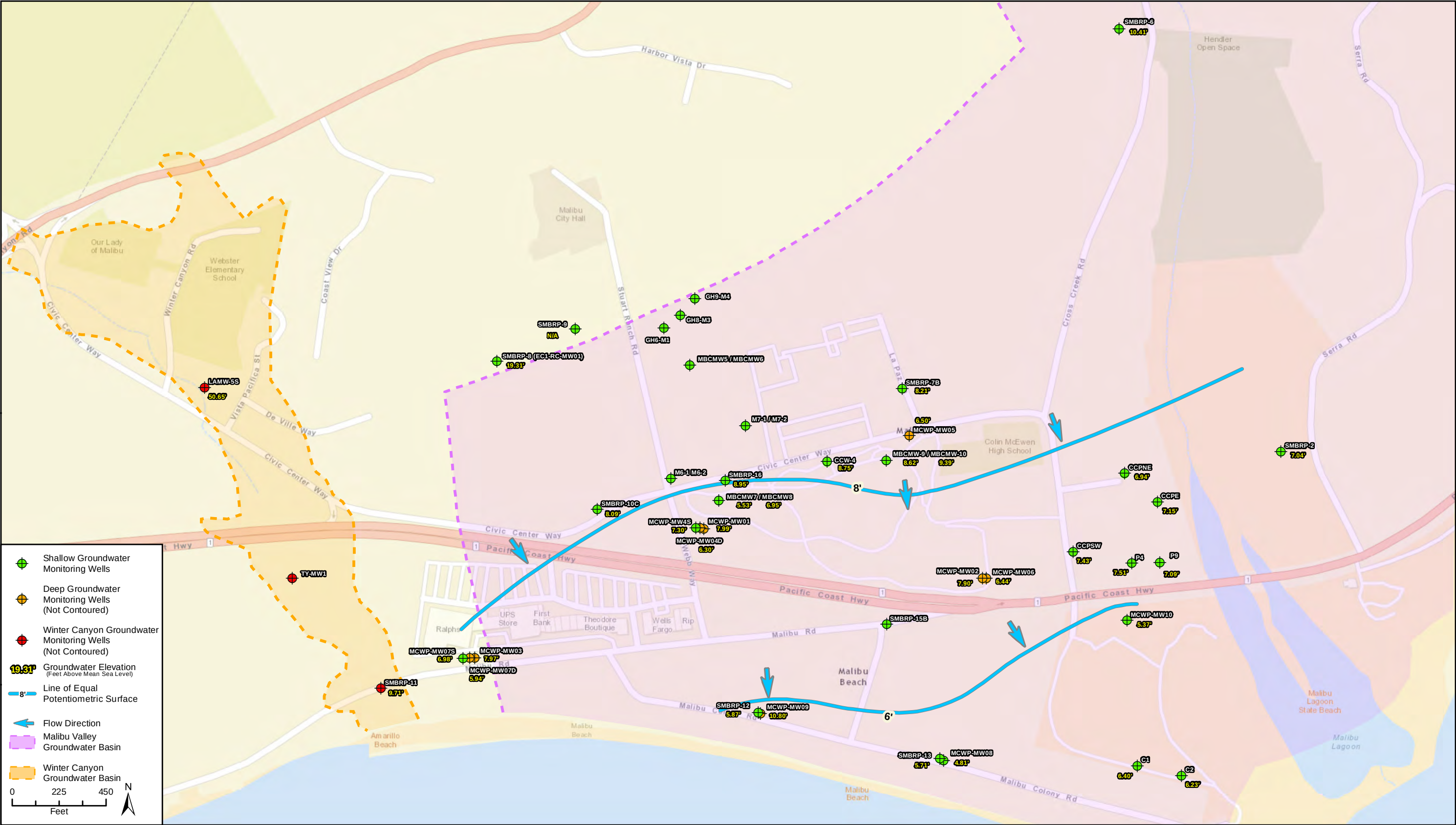
Figure 4



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Shallow Groundwater Elevations
October 2015

Figure 5



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Shallow Groundwater Elevations
November 2015

Figure 6

Figure 7

Appendix A

Analytical Laboratory Reports

October 1, 2015

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

SP 1510719:1-10 **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 1510719-001	N-001	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 15:13	09/25/2015 16:15 LM	09/29/2015 LM
2	SP 1510719-002	N-002	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 13:15	09/25/2015 16:16 LM	09/29/2015 LM
3	SP 1510719-003	N-003	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 11:30	09/25/2015 16:17 LM	09/29/2015 LM
4	SP 1510719-004	N-004	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 12:15	09/25/2015 16:18 LM	09/29/2015 LM
5	SP 1510719-005	L-001	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 10:15	09/25/2015 16:19 LM	09/28/2015 LM
6	SP 1510719-006	L-002	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 09:35	09/25/2015 16:20 LM	09/29/2015 LM
7	SP 1510719-007	L-003	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 11:00	09/25/2015 16:21 LM	09/28/2015 LM
8	SP 1510719-008	L-004	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 12:50	09/25/2015 16:22 LM	09/29/2015 LM
9	SP 1510719-009	L-005	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 11:20	09/25/2015 16:23 LM	09/29/2015 LM
10	SP 1510719-010	L-006	Source-Other	Peter Shellenbayer	Not Available	09/25/2015 13:00	09/25/2015 16:24 LM	09/29/2015 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	N-001	---	---	SM 9221B	MPN/100ml	70	46	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	13	13	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	11	4	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	14	9.3	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	920	49	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	920	49	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	540	70	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	170	23	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	350	49	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	170	170	---	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** 
Title: Tech Director Microbiology
Date: 2015-10-01

October 8, 2015

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

Lab ID : SP 1510719
 Customer : 2-25173

Laboratory Report

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

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

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
N-001	09/25/2015	09/25/2015	SP 1510719-001	SW
N-002	09/25/2015	09/25/2015	SP 1510719-002	SW
N-003	09/25/2015	09/25/2015	SP 1510719-003	SW
N-004	09/25/2015	09/25/2015	SP 1510719-004	SW
L-001	09/25/2015	09/25/2015	SP 1510719-005	SW
L-002	09/25/2015	09/25/2015	SP 1510719-006	SW
L-003	09/25/2015	09/25/2015	SP 1510719-007	SW
L-004	09/25/2015	09/25/2015	SP 1510719-008	SW
L-005	09/25/2015	09/25/2015	SP 1510719-009	SW
L-006	09/25/2015	09/25/2015	SP 1510719-010	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	09/29/2015:211287 All preparation quality controls are within established criteria
4500NH3G	09/28/2015:214076 All analysis quality controls are within established criteria
	09/28/2015:211219 All preparation quality controls are within established criteria
4500NO2F	09/25/2015:211214 All preparation quality controls are within established criteria

October 8, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510719
Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	09/25/2015:214061 All analysis quality controls are within established criteria
	09/25/2015:214063 All analysis quality controls are within established criteria
	09/25/2015:211194 All preparation quality controls are within established criteria
4500-P B	09/28/2015:211250 All preparation quality controls are within established criteria
4500PE	09/28/2015:214106 All analysis quality controls are within established criteria
EPA351.2	09/30/2015:214219 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: 2015-10-08

October 8, 2015

Lab ID : SP 1510719-001

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : N-001

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-12:30

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry P:1												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-16:51CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-16:49CJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:25AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:25AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:44AMB
Phosphorus, Total	1.76	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:18CJJ
DQF Flags Definition:												
b The Blank was positive for constituent but less than the PQL												
U Constituent results were non-detect.												

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

October 8, 2015

Lab ID : SP 1510719-002

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : N-002

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-13:15

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry P:1												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-16:53CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-16:51CJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:27AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:27AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:45AMB
Phosphorus, Total	1.48	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:19CJJ
DQF Flags Definition:												
b The Blank was positive for constituent but less than the PQL												
U Constituent results were non-detect.												

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

October 8, 2015

Lab ID : SP 1510719-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : N-003

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-11:30

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry P:1												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-16:55CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-16:53CJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:30AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:30AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:46AMB
Phosphorus, Total	0.347	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:20CJJ
DQF Flags Definition:												
b The Blank was positive for constituent but less than the PQL												
U Constituent results were non-detect.												

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

October 8, 2015

Lab ID : SP 1510719-004

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : N-004

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-12:15

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	J	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-16:57CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-16:55CJJ
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:32AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:32AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:47AMB
Phosphorus, Total	0.288	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:21CJJ
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: (P) Plastic Preservatives: H2SO4 pH < 2

October 8, 2015

Lab ID : SP 1510719-005

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-001

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-10:15

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	0.0400	0.1	0.032	mg/L	1	J	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-16:59CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-16:57CJJ
Nitrogen, Organic	2.26	0.5	0.072	mg/L	1		4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:33AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:33AMB
Kjeldahl Nitrogen	2.26	0.5	0.32	mg/L	1		351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:48AMB
Phosphorus, Total	0.558	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:22CJJ
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: (P) Plastic Preservatives: H2SO4 pH < 2

October 8, 2015

Lab ID : SP 1510719-006

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-002

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-09:35

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-17:01CJJ
Nitrite Nitrogen	0.0210	0.1	0.011	mg/L	1	J	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-16:59CJJ
Nitrogen, Organic	1.83	0.5	0.072	mg/L	1		4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:44AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:44AMB
Kjeldahl Nitrogen	1.83	0.5	0.32	mg/L	1		351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:49AMB
Phosphorus, Total	0.404	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:23CJJ
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: (P) Plastic Preservatives: H2SO4 pH < 2

October 8, 2015

Lab ID : SP 1510719-007

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-003

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-11:00

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-17:03CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-17:02CJJ
Nitrogen, Organic	2.35	0.5	0.072	mg/L	1		4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:46AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:46AMB
Kjeldahl Nitrogen	2.35	0.5	0.32	mg/L	1		351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:50AMB
Phosphorus, Total	0.379	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:26CJJ
DQF Flags Definition:												
b The Blank was positive for constituent but less than the PQL												
U Constituent results were non-detect.												

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

October 8, 2015

Lab ID : SP 1510719-008

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-004

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-12:50

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry P:1												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-17:17CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-17:15CJJ
Nitrogen, Organic	2.67	0.5	0.072	mg/L	1		4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:52AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:52AMB
Kjeldahl Nitrogen	2.67	0.5	0.32	mg/L	1		351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:52AMB
Phosphorus, Total	0.266	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:27CJJ
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: (P) Plastic Preservatives: H2SO4 pH < 2

October 8, 2015

Lab ID : SP 1510719-009

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-005

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-11:20

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	0.0400	0.1	0.032	mg/L	1	J	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-17:18CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-17:17CJJ
Nitrogen, Organic	3.80	0.5	0.072	mg/L	1		4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:53AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:53AMB
Kjeldahl Nitrogen	3.80	0.5	0.32	mg/L	1		351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:53AMB
Phosphorus, Total	0.372	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:28CJJ
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: (P) Plastic Preservatives: H2SO4 pH < 2

October 8, 2015

Lab ID : SP 1510719-010

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-006

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : September 25, 2015-13:00

Sampled By : Peter Shellenbayer

Received On : September 25, 2015-15:13

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	0.0400	0.1	0.032	mg/L	1	J	4500NO3F	211194	09/25/15 15:56	4500NO3F	214063-FI207	09/25/15-17:20CJJ
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	211214	09/25/15 15:56	4500NO3F	214061-FI207	09/25/15-17:19CJJ
Nitrogen, Organic	3.59	0.5	0.072	mg/L	1	J	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:56AMB
Ammonia Nitrogen	0.0760	0.2	0.072	mg/L	1	J	4500NH3G	211219	09/28/15 03:00	4500NH3G	214076-FI207	09/28/15-05:56AMB
Kjeldahl Nitrogen	3.67	0.5	0.32	mg/L	1		351.2	211287	09/29/15 08:25	EPA351.2	214219-FI206	09/30/15-04:54AMB
Phosphorus, Total	0.320	0.1	0.031	mg/L	1	b	4500-P B	211250	09/28/15 13:07	4500PE	214106-UV205	09/28/15-15:29CJJ
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: (P) Plastic Preservatives: H2SO4 pH < 2

October 8, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510719
 Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	09/29/15:211287jmg (SP 1510719-003)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	86.3 %	73-124	
			MS	mg/L	12.00	87.6 %	54-136	
			MSD	mg/L	12.00	83.1 %	54-136	
			MSRPD	mg/L	12.00	5.4%	≤27	
Ammonia Nitrogen	4500NH3G	(SP 1510169-001)	MS	mg/L	2.000	107 %	70-130	
			MSD	mg/L	2.000	105 %	70-130	
			MSRPD	mg/L	2.000	2.1%	≤20	
		(SP 1510719-008)	MS	mg/L	2.000	102 %	70-130	
			MSD	mg/L	2.000	96.0 %	70-130	
	4500NH3G	09/28/15:214076AMB	MSRPD	mg/L	2.000	5.8%	≤20	
			CCB	mg/L		0.042	0.2	
			CCV	mg/L	2.000	104 %	90-110	
			CCB	mg/L		0.012	0.2	
			CCV	mg/L	2.000	99.2 %	90-110	
Nitrite as Nitrogen	4500NO2F	(CH 1577904-001)	CCB	mg/L		0.067	0.2	
			CCV	mg/L	2.000	99.1 %	90-110	
			MS	mg/L	1.270	103 %	50-150	
			MSD	mg/L	1.270	105 %	50-150	
			MSRPD	mg/L	1.270	2.1%	≤30	
Nitrate + Nitrite as N	4500NO3F	(CH 1577904-001)	MS	mg/L	11.27	99.5 %	5-285	
			MSD	mg/L	11.27	103 %	5-285	
			MSRPD	mg/L	11.27	3.8%	≤30.4	
	4500NO3F	09/25/15:214063CJJ	ICB	mg/L		0.047	0.1	
			ICV	mg/L	11.27	95.3 %	90-110	
			CCB	mg/L		0.029	0.1	
			CCB	mg/L		0.025	0.1	
			CCV	mg/L	11.27	95.1 %	90-110	
			CCB	mg/L		0.018	0.1	
			CCV	mg/L	11.27	94.5 %	90-110	
Nitrite as Nitrogen	4500NO3F	09/25/15:214061CJJ	ICB	mg/L		-0.002	0.2	
			ICV	mg/L	1.270	97.4 %	90-110	
			CCB	mg/L		-0.002	0.2	
			CCB	mg/L		-0.003	0.2	
			CCV	mg/L	1.270	97.5 %	90-110	
			CCB	mg/L		-0.001	0.2	
			CCV	mg/L	1.270	97.2 %	90-110	
Phosphorus	4500-P B	09/28/15:211250CJJ (SP 1510719-001)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	97.7 %	90-116	
			MS	mg/L	0.2500	58.4 %	25-292	
			MSD	mg/L	0.2500	50.5 %	25-292	
			MSRPD	mg/L	0.2500	1.0%	≤13.2	
Total Phosphorus	4500PE	09/28/15:214106CJJ	CCB	mg/L		0.015	0.1	
			CCV	mg/L	0.5000	91.2 %	90-110	
			CCB	mg/L		0.055	0.1	
			CCV	mg/L	0.5000	91.2 %	90-110	
			CCB	mg/L		0.082	0.1	
			CCV	mg/L	0.5000	96.7 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	09/30/15:214219AMB	CCB	mg/L		-0.364	0.5	
			CCV	mg/L	5.000	90.4 %	90-110	
			CCB	mg/L		-0.447	0.5	
			CCV	mg/L	5.000	97.9 %	90-110	

October 8, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510719
Customer : 2-25173

Quality Control - Inorganic

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

5 coolers

Chain of Custody Quarterly (0)

4053				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)918-9444ext1209 Fax: Contact Person: Torin Snyder Project Name: Malibu WWTP - SW Monitoring 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)				Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3 Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N 16oz(P), 16oz(P)-H2SO4														
Sampler(s) <i>Peter Shellenbarger</i> Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____				Lab Number: SP 1510719 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)	Special(SPL)	Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N 16oz(P), 16oz(P)-H2SO4								
1	N-001	9-25-15	1230	G	SW								1	1,1								
2	N-002		~~1130~~	G	SW								1	1,1								
3	N-003		1130	G	SW								1	1,1								
4	N-004		1215	G	SW								1	1,1								
5	L-001		1015	G	SW								1	1,1								
6	L-002		0935	G	SW								1	1,1								
7	L-003		1100	G	SW								1	1,1								
8	L-004		1250	G	SW								1	1,1								
9	L-005		1200	G	SW								1	1,1								
10	L-006		1300	G	SW								1	1,1								
Remarks: <i>14</i>				Relinquished Date: 9-25-15 Time: 5 <i>Peter Shellenbarger</i> 1513				Relinquished Date: Time:				Relinquished Date: Time:										
				Received By: Date: 9/25/15 Time: 1513 <i>llg</i>				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 / 19 / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? ☐ Yes ☐ No ☐ N/A
6. Verify sample date, time, sampler ☐ Yes ☐ No ☐ N/A
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☐ Yes ☐ No
8. Were sample custody seals intact? ☐ Yes ☐ No ☐ N/A

Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 09/25/2015-15:25:24

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 1510719
IV-09/25/2015-15:25:24

October 6, 2015

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

SP 1510839:2, 9, 11 **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 1510839-002	MCWP-MW04S	Source-Other	Robert	Not Available	09/29/2015 08:00	09/29/2015 16:19 LM	10/03/2015 LM
2	SP 1510839-009	LAMW-5S	Source-Other	Robert	Not Available	09/29/2015 09:45	09/29/2015 16:21 LM	10/02/2015 LM
3	SP 1510839-011	MCWP-MW10	Source-Other	Robert	Not Available	09/29/2015 12:10	09/29/2015 16:33 LM	10/02/2015 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	MCWP-MW04S	---	---	SM 9221B	MPN/100ml	17	< 1.8	---	N/R			T
2	LAMW-5S	---	---	SM 9221B	MPN/100ml	350	4.5	---	N/R			
3	MCWP-MW10	---	---	SM 9221B	MPN/100ml	2	< 1.8	---	N/R			

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

‡ Client Notification details. T Analysis holding time exceeded.

- SP 1510839: *Note: Sample 1510839-002 exceeded holding time by 19 minutes.

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: 2015-10-06

Corporate Offices & Laboratory

853 Corporation Street
 Santa Paula, CA 93060
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 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
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 FAX: (559)734-8435
 CA ELAP Certification No. 2810

October 12, 2015

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 1510839

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: 2015-10-12

Enclosure

Corporate Offices & Laboratory

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October 09, 2015

Vista Work Order No. 1500948

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 October 01, 2015. This sample set was analyzed on a rush turn-around time, under your Project Name 'SP 1510839-(2-25173)'. The work was authorized under your Purchase Order No. SP 1510839-(2-25173).

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

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

Sincerely,

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAC 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 Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 ph: 916-673-1520 fx: 916-673-0106 www.vista-analytical.com

Vista Work Order No. 1500948**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

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1500948-01	MCWP-MW04S	29-Sep-15 08:00	01-Oct-15 09:39	Amber Glass NM Bottle, 1L
1500948-02	LAMW-5S	29-Sep-15 09:45	01-Oct-15 09:39	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank					EPA Method 1613B				
Matrix: Aqueous		QC Batch: B5J0006			Lab Sample: B5J0006-BLK1				
Sample Size: 1.00 L		Date Extracted: 02-Oct-2015 8:01			Date Analyzed : 07-Oct-15 19:28 Column: ZB-5MS Analyst: DB				
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.00	0.953			IS 13C-2,3,7,8-TCDD	76.5	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	90.0	42 - 164	

DL - Sample specife 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: OPR					EPA Method 1613B			
Matrix: Aqueous		QC Batch: B5J0006			Lab Sample: B5J0006-BS1			
Sample Size: 1.00 L		Date Extracted: 02-Oct-2015 8:01			Date Analyzed: 07-Oct-15 17:48 Column: ZB-5MS Analyst: DB			
Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard		%R	LCL-UCL
2,3,7,8-TCDD	204	200	102	73 - 146	IS	13C-2,3,7,8-TCDD	77.7	25 - 141
					CRS	37Cl-2,3,7,8-TCDD	92.6	37 - 158

LCL-UCL - Lower control limit - upper control limit

Sample ID: MCWP-MW04S						EPA Method 1613B			
Client Data Name: FGL Environmental, Inc. Project: SP 1510839-(2-25173) Date Collected: 29-Sep-2015 8:00			Sample Data Matrix: Monitoring Well Sample Size: 1.00 L			Laboratory Data Lab Sample: 1500948-01 Date Received: 01-Oct-2015 9:39 QC Batch: B5J0006 Date Extracted: 02-Oct-2015 8:01 Date Analyzed : 08-Oct-15 00:30 Column: ZB-5MS Analyst: DB			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.98	2.29			IS 13C-2,3,7,8-TCDD	77.9	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	96.3	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: LAMW-5S						EPA Method 1613B			
Client Data Name: FGL Environmental, Inc. Project: SP 1510839-(2-25173) Date Collected: 29-Sep-2015 9:45			Sample Data Matrix: Monitoring Well Sample Size: 1.03 L			Laboratory Data Lab Sample: 1500948-02 Date Received: 01-Oct-2015 9:39 QC Batch: B5J0006 Date Extracted: 02-Oct-2015 8:01 Date Analyzed : 08-Oct-15 01:20 Column: ZB-5MS Analyst: DB			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.86	2.87			IS 13C-2,3,7,8-TCDD	79.0	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	90.8	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	This compound was also detected in the method blank.
D	Dilution
E	The associated compound concentration exceeded the calibration range of the instrument.
H	Recovery and/or RPD was outside laboratory acceptance limits.
I	Chemical Interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated detection limit
MDL	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.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that correspond to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
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

Subcontract to Vista Analytical Laboratory

1500948

0.5°C

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: SP 1510839 - (2-25173) Purchase Order Number:				Map Ref.													
Sampler(s) Robert Compositor Setup Date: ___/___/___ Time: ___/___ Lab Number:				Method of Sampling: Composite(C) Grab(G) Type of Sample: **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL) Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)													
Samp Num	Location Description	Date Sampled	Time Sampled														
2	MCWP-MW04S	09/29/15	08:00	G	MW												
9	LAMW-5S	09/29/15	09:45	G	MW												
Remarks:				Relinquished Date: Time: <i>am 9/30/15 17:00</i>					Relinquished Date: Time: <i>On Trac</i>								
				Received By: Date: Time: <i>Ontrac ↓</i>					Received By: Date: Time: <i>Beth Benedict 10/01/15 0943</i>								

SAMPLE LOG-IN CHECKLIST



Vista Project #: 1500948 TAT 14

Samples Arrival:	Date/Time <u>10/01/15 0939</u>		Initials: <u>JB</u>		Location: <u>WR-2</u>	
					Shelf/Rack: <u>NA</u>	
Logged In:	Date/Time <u>10/01/15 1039</u>		Initials: <u>JB</u>		Location: <u>WR-2</u>	
					Shelf/Rack: <u>A 3</u>	
Delivered By:	FedEx	UPS	<u>On Trac</u>	DHL	Hand Delivered	Other
Preservation:	<u>Ice</u>	Blue Ice	Dry Ice	None		
Temp °C: <u>0.6</u> (uncorrected)	Time: <u>0943</u>		Thermometer ID: IR-2			
Temp °C: <u>0.5</u> (corrected)						

		YES	NO	NA
Adequate Sample Volume Received? <u>1 Liter each</u>		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?				✓
Shipping Documentation Present?		✓		
Airbill	Trk # <u>D100108 39106/423</u>	✓		
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 ₂ S ₂ O ₃ Preservation Documented?	COC	Sample Container	<u>None</u>	
Shipping Container	Vista	<u>Client</u>	Retain	<u>Return</u> Dispose

Comments:

October 14, 2015

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

Lab ID : SP 1510839
 Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 84 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	(42 pages) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Travel Blank	09/29/2015	09/29/2015	SP 1510839-000	LBW
MCWP-MW04S	09/29/2015	09/29/2015	SP 1510839-002	MW
LAMW-5S	09/29/2015	09/29/2015	SP 1510839-009	MW
MCWP-MW10	09/29/2015	09/29/2015	SP 1510839-011	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 1510839-002	Chlorine, Total	15	1770 Minutes
SP 1510839-002	pH	15	4654.2 Minutes
SP 1510839-009	Chlorine, Total	15	1665 Minutes
SP 1510839-009	pH	15	4549.2 Minutes

All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

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

Inorganic - Metals QC

200.1	10/06/2015:211600 All preparation quality controls are within established criteria.
200.7	10/06/2015:214563 All analysis quality controls are within established criteria.
200.8	10/02/2015:214415 All analysis quality controls are within established criteria.
245.1	10/05/2015:214526 All analysis quality controls are within established criteria.
	10/05/2015:211581 All preparation quality controls are within established criteria.
3010	10/02/2015:211481 All preparation quality controls are within established criteria, except: The following note applies to Aluminum, Barium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Chromium: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

Organic QC

504	10/07/2015:211683 All preparation quality controls are within established criteria.
504.1	10/08/2015:214607 All analysis quality controls are within established criteria.
505	10/02/2015:214312 All analysis quality controls are within established criteria.
	10/01/2015:211427 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Dieldrin, Endrin, Hexachlorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Hexachlorobenzene, Heptachlor: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
507	10/07/2015:214573 All analysis quality controls are within established criteria.
	10/05/2015:211579 All preparation quality controls are within established criteria, except: The following note applies to EPN/Triphenylphosphate: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
 Customer : 2-25173

Organic QC

515.3	10/06/2015:214557 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Dicamba, Pentachlorophenol: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	10/02/2015:211491 All preparation quality controls are within established criteria, except: The following note applies to Pentachlorophenol: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Bentazon: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
524.2	10/08/2015:214755 All analysis quality controls are within established criteria, except: The following note applies to 1,1,1,2-Tetrachloroethane, 1,3-Dichloropropane, Dibromochloromethane, Bromoform, Bromobenzene, Bromodichloromethane, Bro: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	10/08/2015:211795 All preparation quality controls are within established criteria, except: The following note applies to Bromomethane (Methyl Bromide): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Freon-11, Chloromethane(Methyl Chloride): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	10/05/2015:214499 All analysis quality controls are within established criteria.
	10/06/2015:214499 All analysis quality controls are within established criteria.
	10/05/2015:211586 All preparation quality controls are within established criteria.
5310C	10/03/2015:214409 All analysis quality controls are within established criteria.
	10/02/2015:211193 All preparation quality controls are within established criteria.
547	09/30/2015:214266 All analysis quality controls are within established criteria.
	09/30/2015:211389 All preparation quality controls are within established criteria.
548.1	10/08/2015:214645 All analysis quality controls are within established criteria.
	10/02/2015:211479 All preparation quality controls are within established criteria.
549	10/01/2015:211434 All preparation quality controls are within established criteria.

Organic QC

549.2	10/08/2015:214717 All analysis quality controls are within established criteria.
552	09/30/2015:211368 All preparation quality controls are within established criteria, except: The following note applies to Monobromoacetic Acid, Dichloroacetic Acid, Monochloroacetic Acid, Dibromoacetic Acid, Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	10/02/2015:214298 All analysis quality controls are within established criteria.
	10/02/2015:214551 All analysis quality controls are within established criteria.
608	10/03/2015:214403 All analysis quality controls are within established criteria.
	10/01/2015:211432 All preparation quality controls are within established criteria.
624	10/01/2015:214611 All analysis quality controls are within established criteria, except: The following note applies to Freon-11, Chloroethane (Ethyl Chloride), 2-Butanone (MEK), Vinyl Acetate: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	10/01/2015:211684 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, 2-Butanone (MEK), Chlorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
625	10/06/2015:214694 All analysis quality controls are within established criteria, except: The following note applies to 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4-Nitrophenol, Benzidine, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Benzo(b)fluora: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4-Nitrophenol, Benzidine, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Benzo(b)fluora: 362 Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
	10/08/2015:214700 All analysis quality controls are within established criteria.
	09/30/2015:211378 All preparation quality controls are within established criteria, except: The following note applies to 2,4,5-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, 4-Nitrophenol, Dibenzo(a,h)an: 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, Pentachlorophenol, Diethylphthalate, Dimethylphthalate, Di-n-butylphthalate, N-Nitrosodimethylamin: 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: 320 LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

Organic QC

625P	10/01/2015:214372 All analysis quality controls are within established criteria.
	10/02/2015:214372 All analysis quality controls are within established criteria.
	09/30/2015:211379 All preparation quality controls are within established criteria.

Radio QC

900.0	10/06/2015:214771 All analysis quality controls are within established criteria.
	10/12/2015:214917 All analysis quality controls are within established criteria.
	10/05/2015:211541 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
903.0	10/10/2015:214837 All analysis quality controls are within established criteria.
	10/05/2015:211591 All preparation quality controls are within established criteria.
905.0	10/12/2015:214826 All analysis quality controls are within established criteria.
	10/14/2015:214826 All analysis quality controls are within established criteria.
	10/05/2015:211592 All preparation quality controls are within established criteria.
906.0	10/06/2015:214748 All analysis quality controls are within established criteria.
	10/06/2015:211597 All preparation quality controls are within established criteria.
908.0	10/09/2015:214827 All analysis quality controls are within established criteria.
	10/07/2015:211659 All preparation quality controls are within established criteria.
Ra - 05	10/05/2015:214519 All analysis quality controls are within established criteria.
	10/05/2015:214520 All analysis quality controls are within established criteria.
	10/04/2015:211524 All preparation quality controls are within established criteria.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
 Customer : 2-25173

Inorganic - Wet Chemistry QC

1664	10/06/2015:211623 All preparation quality controls are within established criteria.
2120B	09/29/2015:214382 All analysis quality controls are within established criteria.
	09/29/2015:211494 All preparation quality controls are within established criteria.
2130B	09/30/2015:214235 All analysis quality controls are within established criteria.
	09/30/2015:214319 All analysis quality controls are within established criteria.
	09/30/2015:211352 All preparation quality controls are within established criteria.
	09/30/2015:211438 All preparation quality controls are within established criteria.
2150B	09/29/2015:211503 All preparation quality controls are within established criteria.
218.6	10/08/2015:214766 All analysis quality controls are within established criteria.
	10/08/2015:211814 All preparation quality controls are within established criteria.
2320B	10/02/2015:214406 All analysis quality controls are within established criteria.
	09/30/2015:211340 All preparation quality controls are within established criteria, except: The following note applies to Alkalinity (as CaCO ₃), Bicarbonate: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
2510B	09/30/2015:214239 All analysis quality controls are within established criteria.
	09/30/2015:211354 All preparation quality controls are within established criteria.
2540CE	10/01/2015:211440 All preparation quality controls are within established criteria.
2540D	10/01/2015:211439 All preparation quality controls are within established criteria.
300.0	09/30/2015:214247 All analysis quality controls are within established criteria.
	09/30/2015:214297 All analysis quality controls are within established criteria.
	09/29/2015:211356 All preparation quality controls are within established criteria.
	09/30/2015:211413 All preparation quality controls are within established criteria.
314.0	10/08/2015:214769 All analysis quality controls are within established criteria.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
 Customer : 2-25173

Inorganic - Wet Chemistry QC

314.0	10/08/2015:211753 All preparation quality controls are within established criteria.
351.2	10/03/2015:211522 All preparation quality controls are within established criteria.
	10/05/2015:211542 All preparation quality controls are within established criteria.
4500ClG	09/30/2015:214621 All analysis quality controls are within established criteria.
	09/30/2015:211686 All preparation quality controls are within established criteria.
4500CNCE	10/03/2015:214408 All analysis quality controls are within established criteria.
	10/02/2015:211450 All preparation quality controls are within established criteria.
4500-H B	10/02/2015:211485 All preparation quality controls are within established criteria.
4500HB	10/02/2015:214376 All analysis quality controls are within established criteria.
4500NH3G	09/30/2015:214231 All analysis quality controls are within established criteria.
	10/05/2015:214447 All analysis quality controls are within established criteria.
	09/30/2015:211338 All preparation quality controls are within established criteria.
	10/05/2015:211538 All preparation quality controls are within established criteria.
4500NO2F	09/30/2015:211394 All preparation quality controls are within established criteria.
4500NO3F	09/30/2015:214270 All analysis quality controls are within established criteria.
	09/30/2015:214271 All analysis quality controls are within established criteria.
	09/30/2015:211367 All preparation quality controls are within established criteria.
4500-P B	10/08/2015:211769 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.
	10/09/2015:211809 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.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

Inorganic - Wet Chemistry QC

4500PE	10/09/2015:214718 All analysis quality controls are within established criteria.
	10/09/2015:214783 All analysis quality controls are within established criteria.
5210B	10/04/2015:214478 All analysis quality controls are within established criteria.
	09/29/2015:211254 All preparation quality controls are within established criteria.
5540C	09/29/2015:214385 All analysis quality controls are within established criteria.
	09/29/2015:211500 All preparation quality controls are within established criteria.
EPA351.2	10/05/2015:214429 All analysis quality controls are within established criteria.
	10/06/2015:214528 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: 2015-10-14

October 14, 2015

Lab ID : SP 1510839-000

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : Travel Blank

Project : Malibu WWTP - Baseline GWM

Sampled On : September 29, 2015-00:00

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	96.6	70-130		%	1		504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-01:22SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-01:22SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-01:22SBL
EPA 524.2 VOA:13												
4-Bromofluorobenzene [‡]	111	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2-Dichlorobenzene-d4 [‡]	105	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uh	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Dichloromethane	0.0841	0.5	0.062	ug/L	1	J	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Methyl tert-Butyl Ether (MTBE)	0.422	1	0.091	ug/L	1	J	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:36VRG
DQF Flags Definition:												
h 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: (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.

October 14, 2015

Lab ID : SP 1510839-002

Customer ID : 2-25173

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

Sampled On : September 29, 2015-08:00

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'S												
Total Hardness as CaCO3	2380	2.5	0.13	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Calcium	492	1	0.13	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Magnesium	279	1	0.0081	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Potassium	4.38	1	0.037	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Sodium	1240	10	0.17	mg/L	10		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-15:28AC
Total Cations	102	0.1	0.13	meq/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Boron	2.09	0.05	0.00089	mg/L	1	U	200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Copper	10.0	10	1.1	ug/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Iron	4790	50	2.3	ug/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Manganese	1310	10	0.13	ug/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Zinc	5.79	20	3.2	ug/L	1	J	200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
SAR	11.1	0.1	0.13	--	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:33AC
Total Alkalinity (as CaCO3)	318	10	1.1	mg/L	1	J	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:40AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:40AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:40AMB
Bicarbonate as HCO3	388	10	1.1	mg/L	1.000	J	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:40AMB
Sulfate	3440	20	0.037	mg/L	20		300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:45KD
Chloride	480	20	0.042	mg/L	20		300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:45KD
Nitrate as NO3	ND	0.4	0.033	mg/L	1	U	300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:28KD
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:28KD

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral ^{P:15}												
Nitrate + Nitrite as N	ND	0.1	0.033	mg/L	1	U	300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:28KD
Fluoride	ND	0.1	0.027	mg/L	1	U	300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:28KD
Total Anions	91.5	0.1	1.1	meq/L	1.000	J	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:40AMB
pH	7.69	--	0.0	units	1	T	4500-H B	211485	10/02/15 13:34	4500HB	214376-PH203	10/02/15-14:20JMG
Specific Conductance	7880	1	0.16	umhos/cm	1		2510B	211354	09/30/15 09:33	2510B	214239-EC205	09/30/15-12:07JMG
Total Dissolved Solids	6510	76	5.8	mg/L	1.8889	b	2540CE	211440	10/01/15 16:48	2540C	214349-WT219	10/02/15-09:55CTL
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	211500	09/29/15 16:45	5540C	214385-JMG	09/29/15-17:00jmg
Aggressiveness Index	13.3	1	0.0	--	1		4500-H B	211485	10/02/15 13:34	4500HB	214376-PH203	10/02/15-14:20JMG
Langelier Index (20°C)	1.3	1	0.0	--	1	bJ	4500-H B	211485	10/02/15 13:34	4500HB	214376-PH203	10/02/15-14:20JMG
Nitrate Nitrogen	ND	0.1	0.0082	mg/L	1	U	300.0	211356	09/29/15 17:50	300.0	214247-IC208	09/30/15-09:28KD
Metals, Total ^{P:15}												
Aluminum	0.956	0.05	0.00014	mg/L	5	l	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-19:32AC
Antimony	0.00119	0.001	0.000039	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Arsenic	0.00955	0.002	0.000054	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Barium	0.0530	0.0002	0.000032	mg/L	1	l	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Beryllium	0.0000600	0.0002	0.000043	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Cadmium	0.000523	0.0002	0.000029	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Chromium	0.0128	0.001	0.000028	mg/L	1	P	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Copper	0.0178	0.001	0.000019	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Lead	0.000989	0.0002	0.000012	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Mercury	0.0000237	0.00001	.0000028	mg/L	1		245.1	211581	10/05/15 10:00	245.1	214526-HG204	10/05/15-17:32AC
Nickel	0.0213	0.001	0.000021	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Selenium	0.0170	0.002	0.00015	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Silver	ND	0.001	0.000012	mg/L	1	U	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Thallium	0.0000490	0.0002	0.000014	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:13AC
Wet Chemistry ^{AGT:1}												
BOD	ND	2	0.19	mg/L	1	U	5210B	211254	09/29/15 17:33	5210B	214478-O2202	10/04/15-13:10MCA
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	211686	09/30/15 13:30	4500CIG	214621-UV207	09/30/15-13:49AMM
Color	<5.00	5	0.0	units	1	U	2120B	211494	09/29/15 16:25	2120B	214382-JMG	09/29/15-16:45jmg
Cyanide, Total	ND	0.01	0.0010	mg/L	1	Ub	4500CNCE	211450	10/02/15 12:00	4500CNCE	214408-UV205	10/03/15-12:27AMM

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry AGT:1												
Nitrogen, Organic	1.00	0.5	0.072	mg/L	1	b	4500NH3G	211538	10/05/15 04:00	4500NH3G	214447-FI207	10/05/15-07:35AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211538	10/05/15 04:00	4500NH3G	214447-FI207	10/05/15-07:35AMB
Kjeldahl Nitrogen	1.00	0.5	0.32	mg/L	1	b	351.2	211542	10/05/15 08:23	EPA351.2	214528-FI206	10/06/15-06:24AMB
Nitrogen, Total as Nitrogen	1.26	0.5	0.32	mg/L	1	b	351.2	211542	10/05/15 08:23	EPA351.2	214528-FI206	10/06/15-06:24AMB
Nitrate + Nitrite as N	0.261	0.1	0.032	mg/L	1		4500NO3F	211367	09/30/15 12:25	4500NO3F	214271-FI207	09/30/15-14:00CJJ
Kjeldahl Nitrogen	1.00	0.5	0.32	mg/L	1	b	351.2	211542	10/05/15 08:23	EPA351.2	214528-FI206	10/06/15-06:24AMB
Odor	4.00	1	0.0	TON	1		2150B	211503	09/29/15 16:35	2150B	214387-JMG	09/29/15-16:55jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.087	U	1664	211623	10/06/15 14:14	1664	214590-WT215	10/07/15-09:44AMM
Phosphorus, Total	0.516	0.1	0.031	mg/L	1	bL	4500-P B	211769	10/08/15 16:00	4500PE	214718-UV205	10/09/15-10:00NMRP
Solids, Total Suspended (TSS)	97.0	6.7	0.49	mg/L	6.6667		2540D	211439	10/01/15 16:40	2540D	214367-WT215	10/02/15-11:00JBA
Turbidity	11.2	0.2	0.048	NTU	1		2130B	211438	09/30/15 18:05	2130B	214319-TR203	09/30/15-18:19jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211753	10/08/15 14:30	314.0	214769-IC207	10/08/15-17:58SBL
DQF Flags Definition:												
b The Blank was positive for constituent but less than the PQL												
L The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.												
I 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

October 14, 2015

Lab ID : SP 1510839-002

Customer ID : 2-25173

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

Sampled On : September 29, 2015-08:00

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	88.6	70-130		%	1		504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-01:57SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-01:57SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-01:57SBL
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	185	70-130		%	1.0143	H	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Alachlor	ND	0.2	0.17	ug/L	1.0143	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Aldrin	ND	0.01	0.0053	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Chlordane	ND	0.1	0.034	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Dieldrin	ND	0.01	0.0028	ug/L	1.0143	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Endrin	ND	0.01	0.0043	ug/L	1.0143	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Heptachlor	ND	0.01	0.0038	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1.0143	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Lindane (Gamma BHC)	ND	0.051	0.0023	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Methoxychlor	ND	0.1	0.017	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
Toxaphene	ND	0.51	0.27	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
PCB 1016	ND	0.51	0.22	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
PCB 1221	ND	0.51	0.067	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
PCB 1232	ND	0.51	0.13	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 ^{VOA:1}												
PCB 1242	ND	0.51	0.058	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
PCB 1248	ND	0.51	0.064	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
PCB 1254	ND	0.51	0.095	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
PCB 1260	ND	0.51	0.055	ug/L	1.0143	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-03:53SBL
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	72.6	70-130		%	0.96154		507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Alachlor	ND	0.96	0.16	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Atrazine	ND	0.96	0.14	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Bromacil	ND	1.9	0.12	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Butachlor	ND	0.96	0.21	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Diazinon	ND	1.9	0.18	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Dimethoate	ND	1.9	0.089	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Metolachlor	ND	0.96	0.41	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Metribuzin	ND	0.48	0.24	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Molinate	ND	1.9	0.13	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Prometryne	ND	1.9	0.095	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Propachlor	ND	0.96	0.12	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Simazine	ND	0.96	0.16	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Thiobencarb	ND	0.96	0.15	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
Cyanazine	ND	0.96	0.11	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-10:44SG
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	89.5	70-130		%	1		515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
Dalapon	ND	10	3.5	ug/L	1	Ub	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 ^{AGT:1}												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-22:50SG
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	112	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2-Dichlorobenzene-d4 [‡]	108	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uh	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-21:26VRG
EPA 531.1 AGT:18												
Aldicarb	ND	3	0.59	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
Aldicarb Sulfone	ND	2	0.37	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
Aldicarb Sulfoxide	ND	3	0.23	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
Carbaryl	ND	5	0.52	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
Carbofuran	ND	5	0.49	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
3-Hydroxycarbofuran	ND	10	0.80	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
Methomyl	ND	5	0.44	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
Oxamyl	ND	5	0.34	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-23:47SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211389	09/30/15 16:32	547	214266-LC204	09/30/15-21:59SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211479	10/02/15 10:51	548.1	214645-GC220	10/08/15-02:02SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211434	10/01/15 15:42	549.2	214717-LC204	10/08/15-15:18SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	111	70-130		%	1	f	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:19SBL
Bromoacetic Acid	ND	1	0.18	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214551-GC219	10/02/15-22:19SBL
Chloroacetic Acid	ND	2	0.23	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:19SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:19SBL
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:19SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214551-GC219	10/02/15-22:19SBL
Haloacetic acids (five)	ND	1	0.18	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214551-GC219	10/02/15-22:19SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	53.2	26-141		%	0.95238		608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
Chlordane	ND	1.9	0.16	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
Toxaphene	ND	1.9	0.18	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1016	ND	0.48	0.10	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1221	ND	0.48	0.084	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1232	ND	0.48	0.19	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1242	ND	0.48	0.11	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1248	ND	0.48	0.064	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1254	ND	0.48	0.13	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
PCB 1260	ND	0.48	0.049	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:06SBL
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	106	70-161		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Fluorobenzene [‡]	92.9	72-139		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Pentafluorobenzene [‡]	97.4	59-151		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Acrolein	ND	5	12	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Bromoform	ND	1	0.077	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	Ufh	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Carbon Disulfide	ND	5	0.91	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Chlorobenzene	ND	0.5	0.021	ug/L	1	Ufl	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	Ufh	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Chloroform	1.56	0.5	0.047	ug/L	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,3-Dichlorobenzene	ND	0.5	0.071	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,4-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Tetrachloroethylene	ND	0.5	0.033	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Trichloroethylene	ND	0.5	0.069	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-22:13VRG
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	54.4	15-91		%	0.9434		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2-Fluorophenol [‡]	53.7	12-86		%	0.9434		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Nitrobenzene-d5 [‡]	63.3	9-95		%	0.9434		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Phenol-d6 [‡]	58.9	7-77		%	0.9434		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
p-Terphenyl-d14 [‡]	56.8	37-100		%	0.9434		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,4,6-Tribromophenol [‡]	65.1	18-105		%	0.9434		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Acenaphthene	ND	0.94	0.50	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Acenaphthylene	ND	0.94	0.39	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Benzidine	ND	9.4	1.8	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
bis(2-Ethylhexyl)phthalate	1.01	1.9	0.41	ug/L	0.9434	J	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Chrysene	ND	0.94	0.51	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Diethylphthalate	ND	0.94	0.34	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Dimethylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.9434	UL	625	211378	09/30/15 15:06	625	214700-GM213	10/08/15-05:18SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Fluoranthene	ND	0.94	0.44	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Fluorene	ND	0.94	0.62	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214700-GM213	10/08/15-05:18SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Isophorone	ND	0.94	0.41	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Naphthalene	ND	0.94	0.55	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Nitrobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
4-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 ^{AGT:1}												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Pentachlorophenol	ND	1.9	0.91	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Phenanthrene	ND	0.94	0.50	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Phenol	ND	0.94	0.88	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Pyrene	ND	0.94	0.46	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
Pyridine	ND	9.4	0.32	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.9434	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.9434	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-05:52VRG
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	4.8	0.91	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Alpha BHC	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Beta BHC	ND	4.8	1.5	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Delta BHC	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Dieldrin	ND	4.8	1.5	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Endosulfan I	ND	4.8	2.1	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Endosulfan II	ND	4.8	2.1	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Endrin	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Endrin Ketone	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Heptachlor	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Methoxychlor	ND	4.8	0.46	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
cis_Nonachlor	ND	48	1.6	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
o,p - DDD	ND	4.8	0.54	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
o,p - DDE	ND	4.8	0.35	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
o,p - DDT	ND	4.8	0.95	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
trans-Nonachlor	ND	48	1.2	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
Tetrachloro-m-xylene [‡]	54.2	26-90		%	0.95238		625P	211379	09/30/15 15:08	625P	214372-GM210	10/01/15-23:17SG
TOC ^{AVT:14}												
TOC	6.35	0.5	0.15	mg/L	1	b	5310C	211193	10/02/15 15:44	5310C	214409-TC203	10/03/15-00:41AMM
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.

October 14, 2015

Lab ID : SP 1510839-002

Customer ID : 2-25173

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

Sampled On : September 29, 2015-08:00

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
Radio Chemistry ^{P:1}											
Gross Alpha	14.5 ± 4.74	4.74	pCi/L	15	h	900.0	211541	10/05/15 07:00	900.0	214917-GP215	10/12/15-11:00caa
Gross Beta	4.49 ± 2.58	2.53	pCi/L	50		900.0	211541	10/05/15 07:00	900.0	214771-GP219	10/06/15-17:00caa
Strontium 90	6.09 ± 1.28	0.682	pCi/L	8		905.0	211592	10/05/15 18:00	905.0	214826-GP218	10/14/15-09:40caa
Total Alpha Radium (226)	0.149 ± 0.175	0.470	pCi/L	3		903.0	211591	10/05/15 18:00	903.0	214837-GP216	10/10/15-10:20caa
Tritium	176 ± 271	434	pCi/L	20000		906.0	211597	10/06/15 07:40	906.0	214748-LS201	10/06/15-18:00caa
Uranium	15.9 ± 2.47	0.300	pCi/L	20		908.0	211659	10/07/15 07:40	908.0	214827-GP220	10/09/15-14:39caa
Ra 228	0.000 ± 0.493	0.253	pCi/L	2		Ra - 05	211524	10/04/15 10:00	Ra - 05	214519-GP218	10/05/15-18:50emv
DQF Flags Definition:											
h The MS/MSD did not meet QC criteria.											

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

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.

MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).

AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following

If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:

Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L

Uranium is less than or equal to 20 pCi/L

Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

October 14, 2015

Lab ID : SP 1510839-009

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : LAMW-5S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 29, 2015-09:45

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral	P:1'S											
Total Hardness as CaCO3	376	2.5	0.13	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Calcium	69.7	1	0.13	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Magnesium	49.1	1	0.0081	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Potassium	3.06	1	0.037	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Sodium	109	1	0.17	mg/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Total Cations	12.3	0.1	0.13	meq/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Boron	0.314	0.05	0.00089	mg/L	1	U	200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Copper	3.98	10	1.1	ug/L	1	J	200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Iron	1630	50	2.3	ug/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Manganese	227	10	0.13	ug/L	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Zinc	9.29	20	3.2	ug/L	1	J	200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
SAR	2.45	0.1	0.13	--	1		200.1	211600	10/06/15 03:30	200.7	214563-IT203	10/06/15-14:36AC
Total Alkalinity (as CaCO3)	268	10	1.1	mg/L	1	J	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:50AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:50AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:50AMB
Bicarbonate as HCO3	327	10	1.1	mg/L	1.000	J	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:50AMB
Sulfate	156	1	0.037	mg/L	1		300.0	211413	09/30/15 10:51	300.0	214297-IC208	09/30/15-15:12KD
Chloride	103	5	0.042	mg/L	5		300.0	211413	09/30/15 10:51	300.0	214297-IC208	09/30/15-15:29KD
Nitrate as NO3	32.8	0.4	0.033	mg/L	1		300.0	211413	09/30/15 10:51	300.0	214297-IC208	09/30/15-15:12KD
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211413	09/30/15 10:51	300.0	214297-IC208	09/30/15-15:12KD

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral ^{P:15}												
Nitrate + Nitrite as N	7.68	0.1	0.032	mg/L	1		4500NO3F	211367	09/30/15 12:25	4500NO3F	214271-FI207	09/30/15-14:02CJJ
Fluoride	0.184	0.1	0.027	mg/L	1		300.0	211413	09/30/15 10:51	300.0	214297-IC208	09/30/15-15:12KD
Total Anions	12.1	0.1	1.1	meq/L	1.000	J	2320B	211340	09/30/15 04:00	2320B	214406-MT201	10/02/15-18:50AMB
pH	7.31	--	0.0	units	1	T	4500-H B	211485	10/02/15 13:34	4500HB	214376-PH203	10/02/15-14:22JMG
Specific Conductance	1280	1	0.16	umhos/cm	1		2510B	211354	09/30/15 09:33	2510B	214239-EC205	09/30/15-12:07JMG
Total Dissolved Solids	769	40	5.8	mg/L	1	b	2540CE	211440	10/01/15 16:48	2540C	214349-WT219	10/02/15-10:21CTL
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	211500	09/29/15 16:45	5540C	214385-JMG	09/29/15-17:00jmg
Aggressiveness Index	12.0	1	0.0	--	1		4500-H B	211485	10/02/15 13:34	4500HB	214376-PH203	10/02/15-14:22JMG
Langelier Index (20°C)	0.09	1	0.0	--	1	bJ	4500-H B	211485	10/02/15 13:34	4500HB	214376-PH203	10/02/15-14:22JMG
Nitrate Nitrogen	7.40	0.1	0.0082	mg/L	1		300.0	211413	09/30/15 10:51	300.0	214297-IC208	09/30/15-15:12KD
Metals, Total ^{P:15}												
Aluminum	1.49	0.05	0.00014	mg/L	5	l	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-19:46AC
Antimony	0.000524	0.001	0.000039	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Arsenic	0.00719	0.002	0.000054	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Barium	0.0190	0.0002	0.000032	mg/L	1	l	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Cadmium	0.000126	0.0002	0.000029	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Chromium	0.00616	0.001	0.000028	mg/L	1	P	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Copper	0.00473	0.001	0.000019	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Lead	0.000966	0.0002	0.000012	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Mercury	0.00000768	0.00001	0.0000028	mg/L	1	J	245.1	211581	10/05/15 10:00	245.1	214526-HG204	10/05/15-17:36AC
Nickel	0.0121	0.001	0.000021	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Selenium	0.000266	0.002	0.00015	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Silver	ND	0.001	0.000012	mg/L	1	U	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Thallium	0.0000150	0.0002	0.000014	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Chromium III	0.00553	0.001	0.000028	mg/L	1	P	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:44AC
Wet Chemistry ^{AGT:1}												
BOD	0.6	2	0.19	mg/L	1	J	5210B	211254	09/29/15 17:38	5210B	214478-O2202	10/04/15-13:10MCA
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	211686	09/30/15 13:30	4500CIG	214621-UV207	09/30/15-13:49AMM
Chromium VI	0.634	0.1	0.012	ug/L	1		218.6	211814	10/08/15 13:20	218.6	214766-IC209	10/08/15-15:23MCA

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{AGT:1}												
Color	60.0	5	0.0	units	1		2120B	211494	09/29/15 16:25	2120B	214382-JMG	09/29/15-16:45jmg
Cyanide, Total	ND	0.01	0.0010	mg/L	1	Ub	4500CNCE	211450	10/02/15 12:00	4500CNCE	214408-UV205	10/03/15-12:28AMM
Nitrogen, Organic	0.986	0.5	0.072	mg/L	1	Jb	4500NH3G	211538	10/05/15 04:00	4500NH3G	214447-FI207	10/05/15-07:37AMB
Ammonia Nitrogen	0.0840	0.2	0.072	mg/L	1	J	4500NH3G	211538	10/05/15 04:00	4500NH3G	214447-FI207	10/05/15-07:37AMB
Kjeldahl Nitrogen	1.07	0.5	0.32	mg/L	1	b	351.2	211522	10/03/15 07:17	EPA351.2	214429-FI206	10/05/15-06:21AMB
Nitrogen, Total as Nitrogen	8.75	0.5	0.32	mg/L	1	b	351.2	211522	10/03/15 07:17	EPA351.2	214429-FI206	10/05/15-06:21AMB
Nitrate + Nitrite as N	7.68	0.1	0.032	mg/L	1		4500NO3F	211367	09/30/15 12:25	4500NO3F	214271-FI207	09/30/15-14:02CJJ
Kjeldahl Nitrogen	1.07	0.5	0.32	mg/L	1	b	351.2	211522	10/03/15 07:17	EPA351.2	214429-FI206	10/05/15-06:21AMB
Odor	2.00	1	0.0	TON	1		2150B	211503	09/29/15 16:35	2150B	214387-JMG	09/29/15-16:55jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.087	U	1664	211623	10/06/15 14:14	1664	214590-WT215	10/07/15-09:44AMM
Phosphorus, Total	14.7	1	0.031	mg/L	10	Lb	4500-P B	211809	10/09/15 11:30	4500PE	214783-UV205	10/09/15-14:40NMRP
Solids, Total Suspended (TSS)	41.6	2.5	0.49	mg/L	2.5		2540D	211439	10/01/15 16:40	2540D	214367-WT215	10/02/15-11:00JBA
Turbidity	39.3	0.2	0.048	NTU	1		2130B	211352	09/30/15 08:50	2130B	214235-TR203	09/30/15-09:15AMM
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211753	10/08/15 14:30	314.0	214769-IC207	10/08/15-18:21SBL
DQF Flags Definition:												
b	The Blank was positive for constituent but less than the PQL											
L	The preparation QC spike and/or CCV recoveries did not meet QC acceptance 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

October 14, 2015

Lab ID : SP 1510839-009

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : LAMW-5S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 29, 2015-09:45

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	81.5	70-130		%	1		504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-02:32SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-02:32SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	211683	10/07/15 12:00	504.1	214607-GC216	10/08/15-02:32SBL
EPA 505 VOA:1												
Tetrachloro-m-xylene [‡]	96.5	70-130		%	1.0171		505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Alachlor	ND	0.2	0.17	ug/L	1.0171	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Aldrin	ND	0.01	0.0053	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Chlordane	ND	0.1	0.034	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Dieldrin	ND	0.01	0.0028	ug/L	1.0171	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Endrin	ND	0.01	0.0043	ug/L	1.0171	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Heptachlor	ND	0.01	0.0038	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1.0171	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Lindane (Gamma BHC)	ND	0.051	0.0023	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Methoxychlor	ND	0.1	0.017	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
Toxaphene	ND	0.51	0.27	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
PCB 1016	ND	0.51	0.22	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
PCB 1221	ND	0.51	0.067	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
PCB 1232	ND	0.51	0.13	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 ^{VOA:1}												
PCB 1242	ND	0.51	0.058	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
PCB 1248	ND	0.51	0.064	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
PCB 1254	ND	0.51	0.095	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
PCB 1260	ND	0.51	0.055	ug/L	1.0171	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-04:30SBL
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	68.9	70-130		%	0.96154	L	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Alachlor	ND	0.96	0.16	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Atrazine	ND	0.96	0.14	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Bromacil	ND	1.9	0.12	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Butachlor	ND	0.96	0.21	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Diazinon	ND	1.9	0.18	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Dimethoate	ND	1.9	0.089	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Metolachlor	ND	0.96	0.41	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Metribuzin	ND	0.48	0.24	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Molinate	ND	1.9	0.13	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Prometryne	ND	1.9	0.095	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Propachlor	ND	0.96	0.12	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Simazine	ND	0.96	0.16	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Thiobencarb	ND	0.96	0.15	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
Cyanazine	ND	0.96	0.11	ug/L	0.96154	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-11:21SG
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	84.0	70-130		%	1		515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
Dalapon	ND	10	3.5	ug/L	1	Ub	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
Dicamba	ND	1	0.29	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 ^{AGT:1}												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-23:27SG
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	109	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2-Dichlorobenzene-d4 [‡]	106	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uh	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Chloroform	5.73	0.5	0.070	ug/L	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
Total Trihalomethanes	5.73	0.5	0.12	ug/L	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-20:39VRG
EPA 531.1 AGT:18												
Aldicarb	ND	3	0.59	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
Aldicarb Sulfone	ND	2	0.37	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
Aldicarb Sulfoxide	ND	3	0.23	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
Carbaryl	ND	5	0.52	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
Carbofuran	ND	5	0.49	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
3-Hydroxycarbofuran	ND	10	0.80	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
Methomyl	ND	5	0.44	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
Oxamyl	ND	5	0.34	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/06/15-00:19SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211389	09/30/15 16:32	547	214266-LC204	09/30/15-22:24SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211479	10/02/15 10:51	548.1	214645-GC220	10/08/15-02:31SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211434	10/01/15 15:42	549.2	214717-LC204	10/08/15-15:25SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	101	70-130		%	1	f	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:51SBL
Bromoacetic Acid	ND	1	0.18	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214551-GC219	10/02/15-22:51SBL
Chloroacetic Acid	ND	2	0.23	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:51SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:51SBL
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-22:51SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214551-GC219	10/02/15-22:51SBL
Haloacetic acids (five)	ND	1	0.18	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214551-GC219	10/02/15-22:51SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	46.1	26-141		%	0.95238		608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
Chlordane	ND	1.9	0.16	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
Toxaphene	ND	1.9	0.18	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1016	ND	0.48	0.10	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1221	ND	0.48	0.084	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1232	ND	0.48	0.19	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1242	ND	0.48	0.11	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1248	ND	0.48	0.064	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1254	ND	0.48	0.13	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
PCB 1260	ND	0.48	0.049	ug/L	0.95238	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-11:42SBL
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	103	70-161		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Fluorobenzene [‡]	94.7	72-139		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Pentafluorobenzene [‡]	97.9	59-151		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Acrolein	ND	5	12	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Bromoform	ND	1	0.077	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	Ufh	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Carbon Disulfide	ND	5	0.91	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Chlorobenzene	ND	0.5	0.021	ug/L	1	Ufl	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	Ufh	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Chloroform	11.6	0.5	0.047	ug/L	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,3-Dichlorobenzene	ND	0.5	0.071	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,4-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Tetrachloroethylene	ND	0.5	0.033	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Trichloroethylene	ND	0.5	0.069	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-21:45VRG
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	51.1	15-91		%	0.95238		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2-Fluorophenol [‡]	51.0	12-86		%	0.95238		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Nitrobenzene-d5 [‡]	60.3	9-95		%	0.95238		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Phenol-d6 [‡]	56.6	7-77		%	0.95238		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
p-Terphenyl-d14 [‡]	64.5	37-100		%	0.95238		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,4,6-Tribromophenol [‡]	59.4	18-105		%	0.95238		625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Acenaphthene	ND	0.95	0.50	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Acenaphthylene	ND	0.95	0.39	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Anthracene	ND	0.95	0.43	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Benzidine	ND	9.5	1.8	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Benzo(a)anthracene	ND	0.95	0.43	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Benzo(b)fluoranthene	ND	0.95	0.37	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Benzo(k)fluoranthene	ND	0.95	0.50	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Benzo(g,h,i)perylene	ND	0.95	0.40	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Benzo(a)pyrene	ND	0.95	0.40	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
4-Bromophenylphenylether	ND	0.95	0.46	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
bis(2-Chloroethoxy)methane	ND	0.95	0.56	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
bis(2-Chloroethyl)ether	ND	0.95	0.52	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
bis(2-Chloroisopropyl)ether	ND	0.95	0.53	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2-Chloronaphthalene	ND	0.95	0.63	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
4-Chlorophenylphenylether	ND	0.95	0.62	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Chrysene	ND	0.95	0.51	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Dibenzo(a,h)anthracene	ND	0.95	0.37	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
1,2-Dichlorobenzene	ND	0.95	0.47	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
1,3-Dichlorobenzene	ND	0.95	0.45	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
1,4-Dichlorobenzene	ND	0.95	0.47	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
3,3'-Dichlorobenzidine	ND	0.95	0.43	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Diethylphthalate	ND	0.95	0.34	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Dimethylphthalate	ND	0.95	0.31	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
4,6-Dinitro-2-methylphenol	ND	0.95	0.43	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,4-Dinitrophenol	ND	4.8	0.22	ug/L	0.95238	UL	625	211378	09/30/15 15:06	625	214700-GM213	10/08/15-06:10SBL
2,4-Dinitrotoluene	ND	0.95	0.49	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,6-Dinitrotoluene	ND	0.95	0.55	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Di-n-octylphthalate	ND	0.95	0.31	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Fluoranthene	ND	0.95	0.44	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Fluorene	ND	0.95	0.62	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Hexachlorobenzene	ND	0.95	0.47	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Hexachlorobutadiene	ND	0.95	0.45	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Hexachlorocyclopentadiene	ND	0.95	0.24	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214700-GM213	10/08/15-06:10SBL
Hexachloroethane	ND	0.95	0.43	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Indeno(1,2,3-c,d)pyrene	ND	0.95	0.38	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Isophorone	ND	0.95	0.41	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Naphthalene	ND	0.95	0.55	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Nitrobenzene	ND	0.95	0.47	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2-Nitrophenol	ND	1.9	1.1	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
4-Nitrophenol	ND	1.9	1.1	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 ^{AGT:1}												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
N-Nitrosodiphenylamine	ND	0.95	0.74	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
N-Nitrosodi-n-propylamine	ND	0.95	0.53	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Pentachlorophenol	ND	1.9	0.91	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Phenanthrene	ND	0.95	0.50	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Phenol	ND	0.95	0.88	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Pyrene	ND	0.95	0.46	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
Pyridine	ND	9.5	0.32	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
1,2,4-Trichlorobenzene	ND	0.95	0.48	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,4,6-Trichlorophenol	ND	0.95	0.90	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
1,2-Diphenylhydrazine	ND	0.95	0.47	ug/L	0.95238	U	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.95238	UH	625	211378	09/30/15 15:06	625	214694-GM213	10/06/15-06:44VRG
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	4.8	0.91	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Alpha BHC	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Beta BHC	ND	4.8	1.5	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Delta BHC	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Dieldrin	ND	4.8	1.5	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Endosulfan I	ND	4.8	2.1	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Endosulfan II	ND	4.8	2.1	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Endrin	ND	4.8	1.3	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Endrin Ketone	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Heptachlor	ND	4.8	1.8	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Methoxychlor	ND	4.8	0.46	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
cis_Nonachlor	ND	48	1.6	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
o,p - DDD	ND	4.8	0.54	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
o,p - DDE	ND	4.8	0.35	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
o,p - DDT	ND	4.8	0.95	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
trans-Nonachlor	ND	48	1.2	ng/L	0.95238	U	625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
Tetrachloro-m-xylene [‡]	45.0	26-90		%	0.95238		625P	211379	09/30/15 15:08	625P	214372-GM210	10/02/15-00:00SG
TOC ^{AVT:14}												
TOC	1.24	0.5	0.15	mg/L	1	b	5310C	211193	10/02/15 15:44	5310C	214409-TC203	10/03/15-00:59AMM
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. 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.

October 14, 2015

Lab ID : SP 1510839-009

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : LAMW-5S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 29, 2015-09:45

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
Radio Chemistry ^{P:1}											
Gross Alpha	6.42 ± 2.36	1.58	pCi/L	15	h	900.0	211541	10/05/15 07:00	900.0	214771-GP219	10/06/15-18:00caa
Gross Beta	2.15 ± 1.66	1.79	pCi/L	50		900.0	211541	10/05/15 07:00	900.0	214771-GP219	10/06/15-18:00caa
Strontium 90	0.000 ± 0.609	0.682	pCi/L	8		905.0	211592	10/05/15 18:00	905.0	214826-GP218	10/12/15-10:00caa
Total Alpha Radium (226)	0.149 ± 0.175	0.470	pCi/L	3		903.0	211591	10/05/15 18:00	903.0	214837-GP216	10/10/15-10:40caa
Tritium	0.000 ± 266	434	pCi/L	20000		906.0	211597	10/06/15 07:40	906.0	214748-LS201	10/06/15-19:00caa
Uranium	0.000 ± 0.457	0.300	pCi/L	20		908.0	211659	10/07/15 07:40	908.0	214827-GP220	10/09/15-15:04caa
Ra 228	0.018 ± 0.503	0.200	pCi/L	2		Ra - 05	211524	10/04/15 10:00	Ra - 05	214520-GP219	10/05/15-18:40caa
DQF Flags Definition:											
h The MS/MSD did not meet QC criteria.											

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

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.

MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).

AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following

If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:

Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L

Uranium is less than or equal to 20 pCi/L

Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

October 14, 2015

Lab ID : SP 1510839-011

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW10

Project : Malibu WWTP - Baseline GWM

Sampled On : September 29, 2015-12:10

Sampled By : Robert

Received On : September 29, 2015-15:20

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
Nitrate Nitrogen	0.4	0.1		mg/L	1		4500NO3F	211367	09/30/15 12:25	4500NO3F	214271-FI207	09/30/15-14:34CJJ
Nitrite Nitrogen	ND	0.1		mg/L	1	J	4500NO2F	211394	09/30/15 12:25	4500NO3F	214270-FI207	09/30/15-14:32CJJ
Nitrogen, Organic	ND	1		mg/L	1	UJb	4500NH3G	211338	09/30/15 04:00	4500NH3G	214231-FI207	09/30/15-07:13AMB
Ammonia Nitrogen	ND	0.2		mg/L	1	U	4500NH3G	211338	09/30/15 04:00	4500NH3G	214231-FI207	09/30/15-07:13AMB
Kjeldahl Nitrogen	ND	1		mg/L	1	Jb	351.2	211522	10/03/15 07:17	EPA351.2	214429-FI206	10/05/15-06:22AMB
Phosphorus, Total	ND	0.1		mg/L	1	JbL	4500-P B	211769	10/08/15 16:00	4500PE	214718-UV205	10/09/15-10:00NMRP
Total Dissolved Solids (TFR)	1550	20		mg/L	1	b	2540CE	211440	10/01/15 16:48	2540C	214349-WT219	10/02/15-10:18CTL
DQF Flags Definition:												
b The Blank was positive for constituent but less than the PQL												
L The preparation QC spike and/or CCV recoveries did not meet QC acceptance 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: (AGJ) Amber Glass Jar, (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes Preservatives: H2SO4 pH < 2, NaOH, H2SO4 pH < 2, HNO3 pH < 2, (NH4)2SO4, NH4OH

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,2-Dibromoethane(EDB)	504	10/07/15:211683SBL (STK1550788-001)	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2545	96.8 %	70-130	
			LCS	ug/L	0.2493	103 %	70-130	
			MS	ug/L	0.2476	115 %	70-130	
			MSD	ug/L	0.2466	111 %	70-130	
			MSRPD	ug/L	0.2466	4.2%	≤30	
			QMDL	ug/L	0.01965	80.8 %	60-140	
1,3-Dibromopropane	504	10/07/15:211683SBL (STK1550788-001)	Blank	ug/L	0.5849	81.6 %	70-130	
			LCS	ug/L	0.5973	97.9 %	70-130	
			LCS	ug/L	0.5852	88.9 %	70-130	
			MS	ug/L	0.5811	105 %	70-130	
			MSD	ug/L	0.5788	104 %	70-130	
			MSRPD	ug/L	0.2466	1.1%	≤30	
			QMDL	ug/L	0.5808	98.7 %	70-130	
DBCP	504	10/07/15:211683SBL (STK1550788-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2545	97.5 %	70-130	
			LCS	ug/L	0.2493	101 %	70-130	
			MS	ug/L	0.2476	112 %	70-130	
			MSD	ug/L	0.2466	107 %	70-130	
			MSRPD	ug/L	0.2466	4.8%	≤30	
			QMDL	ug/L	0.01965	92.8 %	60-140	
13DBP	504.1	10/08/15:214607SBL	CCV	ug/L	7.481	94.6 %	70-130	
			CCV	ug/L	9.975	103 %	70-130	
DBCP	504.1	10/08/15:214607SBL	CCV	ug/L	2.000	99.0 %	70-130	
			CCV	ug/L	5.000	103 %	70-130	
EDB	504.1	10/08/15:214607SBL	CCV	ug/L	2.000	98.0 %	70-130	
			CCV	ug/L	5.000	104 %	70-130	
Alachlor	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	6.359	118 %	82-127	
			MS	ug/L	6.001	121 %	90-119	
			MSD	ug/L	5.954	118 %	90-119	
			MSRPD	ug/L	5.954	3.4%	≤28.7	
	505	10/02/15:214312SBL	CCV	ug/L	150.0	123 %	70-130	
Aldrin	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.075	
			LCS	ug/L	0.6359	110 %	83-131	
			MS	ug/L	0.6001	93.2 %	0-196	
			MSD	ug/L	0.5954	116 %	0-196	
			MSRPD	ug/L	5.954	20.8%	≤50.6	
	505	10/02/15:214312SBL	CCV	ug/L	15.00	129 %	70-130	
Chlordane	505	10/01/15:211427SBL	CCV	ug/L	10.00	106 %	70-130	
			CCV	ug/L		ND	<0.1	
Dieldrin	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6359	116 %	89-116	
			MS	ug/L	0.6001	119 %	89-115	
			MSD	ug/L	0.5954	117 %	89-115	
			MSRPD	ug/L	5.954	2.6%	≤5.55	
	505	10/02/15:214312SBL	CCV	ug/L	15.00	125 %	70-130	
Endrin	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6359	114 %	77-119	
			MS	ug/L	0.6001	115 %	74-114	
			MSD	ug/L	0.5954	116 %	74-114	
			MSRPD	ug/L	5.954	0.3%	≤8.81	
	505	10/02/15:214312SBL	CCV	ug/L	15.00	121 %	70-130	

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Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endrin	505	10/02/15:214312SBL	CCV	ug/L	10.00	108 %	70-130	
Heptachlor	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.01	435
			LCS	ug/L	0.6359	111 %	84-128	
			MS	ug/L	0.6001	99.3 %	87-124	
			MSD	ug/L	0.5954	114 %	87-124	
Heptachlor Epoxide	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	12.9%	≤11.9	
			CCV	ug/L	15.00	129 %	70-130	
			CCV	ug/L	10.00	109 %	70-130	
Hexachlorobenzene	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.01	435
			LCS	ug/L	0.6359	116 %	82-129	
			MS	ug/L	0.6001	104 %	90-119	
			MSD	ug/L	0.5954	122 %	90-119	
Hexachlorocyclopentadiene	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	15.3%	≤10.8	435
			CCV	ug/L	15.00	128 %	70-130	
			CCV	ug/L	10.00	111 %	70-130	
Lindane	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.6359	105 %	59-155	
			MS	ug/L	0.6001	109 %	45-167	
			MSD	ug/L	0.5954	105 %	45-167	
Methoxychlor	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	4.4%	≤4.98	
			CCV	ug/L	15.00	115 %	70-130	
			CCV	ug/L	10.00	108 %	70-130	
PCB 1016/1242 - 1	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	3.180	121 %	82-126	
			MS	ug/L	3.000	121 %	62-134	
			MSD	ug/L	2.977	114 %	62-134	
PCB 1242	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	6.4%	≤7.94	
			CCV	ug/L	75.00	126 %	70-130	
			CCV	ug/L	50.00	121 %	70-130	
PCB 1248 - 1	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L	1.209	90.8 %	70-130	
			LCS	ug/L	1.273	90.7 %	70-130	
			MS	ug/L	1.201	93.2 %	N/A	
			MSD	ug/L	1.192	87.4 %	N/A	

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Lab ID : SP 1510839
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Tetrachloro-m-xylene	505	10/01/15:211427SBL	MSRPD	ug/L	5.954	7.2%	≤30.0	
	505	10/02/15:214312SBL	CCV	ug/L	30.03	97.7 %	70-130	
			CCV	ug/L	20.02	89.6 %	70-130	
Toxaphene	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
Alachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	89.0 %	70-130	
			BS	ug/L	2.500	79.3 %	47-147	
			BSD	ug/L	2.500	83.1 %	47-147	
			BSRPD	ug/L	12.50	0.096	≤1	
	507	10/07/15:214573SG	CCV	ug/L	500.0	106 %	80-120	
			CCV	ug/L	1000	102 %	80-120	
Atrazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	88.2 %	70-130	
			BS	ug/L	2.500	76.4 %	52-154	
			BSD	ug/L	2.500	81.8 %	52-154	
			BSRPD	ug/L	12.50	0.14	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	500.0	112 %	80-120	
			CCV	ug/L	1000	107 %	80-120	
Bromacil	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	93.7 %	70-130	
			BS	ug/L	2.500	81.5 %	38-170	
			BSD	ug/L	2.500	68.7 %	38-170	
			BSRPD	ug/L	12.50	0.32	≤2	
	507	10/07/15:214573SG	CCV	ug/L	500.0	110 %	80-120	
			CCV	ug/L	1000	107 %	80-120	
Butachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	96.3 %	70-130	
			BS	ug/L	2.500	80.8 %	37-150	
			BSD	ug/L	2.500	77.6 %	37-150	
			BSRPD	ug/L	12.50	4.0%	≤53.8	
	507	10/07/15:214573SG	CCV	ug/L	500.0	117 %	80-120	
			CCV	ug/L	1000	102 %	80-120	
Cyanazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	97.3 %	70-130	
			BS	ug/L	2.500	80.1 %	41-152	
			BSD	ug/L	2.500	71.6 %	41-152	
			BSRPD	ug/L	12.50	0.21	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	500.0	112 %	80-120	
			CCV	ug/L	1000	108 %	80-120	
Diazinon	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	93.7 %	70-130	
			BS	ug/L	2.500	80.4 %	56-128	
			BSD	ug/L	2.500	94.3 %	56-128	
			BSRPD	ug/L	12.50	0.35	≤2	
	507	10/07/15:214573SG	CCV	ug/L	500.0	117 %	80-120	
			CCV	ug/L	1000	111 %	80-120	
Dimethoate	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	86.9 %	70-130	
			BS	ug/L	2.500	75.5 %	49-168	
			BSD	ug/L	2.500	71.1 %	49-168	
			BSRPD	ug/L	12.50	0.11	≤2	
	507	10/07/15:214573SG	CCV	ug/L	500.0	112 %	80-120	
			CCV	ug/L	1000	103 %	80-120	
EPN/Triphenylphosphate	507	10/05/15:211579CCG	Blank	ug/L	12.50	77.7 %	70-130	

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Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic EPN/Triphenylphosphate	507	10/05/15:211579CCG	LCS	ug/L	12.50	76.9 %	70-130	436 436
			BS	ug/L	12.50	65.8 %	70-130	
			BSD	ug/L	12.50	58.5 %	70-130	
			BSRPD	ug/L	12.50	11.7%	≤30	
Metolachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	90.8 %	70-130	
			BS	ug/L	2.500	72.0 %	45-154	
			BSD	ug/L	2.500	77.2 %	45-154	
			BSRPD	ug/L	12.50	0.13	≤1	
	507	10/07/15:214573SG	CCV	ug/L	500.0	102 %	80-120	
Metribuzin	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	96.8 %	70-130	
			BS	ug/L	2.500	83.4 %	30-169	
			BSD	ug/L	2.500	81.5 %	30-169	
			BSRPD	ug/L	12.50	0.048	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	500.0	115 %	80-120	
Molinate	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	81.1 %	70-130	
			BS	ug/L	2.500	71.3 %	19-191	
			BSD	ug/L	2.500	87.9 %	19-191	
			BSRPD	ug/L	12.50	0.42	≤2	
	507	10/07/15:214573SG	CCV	ug/L	500.0	104 %	80-120	
Prometryne	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	88.2 %	70-130	
			BS	ug/L	2.500	62.9 %	44-152	
			BSD	ug/L	2.500	74.2 %	44-152	
			BSRPD	ug/L	12.50	0.28	≤2	
	507	10/07/15:214573SG	CCV	ug/L	500.0	118 %	80-120	
Propachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	83.0 %	70-130	
			BS	ug/L	2.500	70.8 %	36-179	
			BSD	ug/L	2.500	87.2 %	36-179	
			BSRPD	ug/L	12.50	0.41	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	500.0	102 %	80-120	
Simazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	86.6 %	70-130	
			BS	ug/L	2.500	76.0 %	49-167	
			BSD	ug/L	2.500	77.5 %	49-167	
			BSRPD	ug/L	12.50	0.037	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	500.0	111 %	80-120	
Thiobencarb	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	92.6 %	70-130	
			BS	ug/L	2.500	79.9 %	50-148	
			BSD	ug/L	2.500	80.6 %	50-148	
			BSRPD	ug/L	12.50	0.017	≤1	
	507	10/07/15:214573SG	CCV	ug/L	500.0	112 %	80-120	
Triphenylphosphate	507	10/07/15:214573SG	CCV	ug/L	1000	106 %	80-120	
			CCV	ug/L	2500	115 %	80-120	

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Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Triphenylphosphate	507	10/07/15:214573SG	CCV	ug/L	7501	93.5 %	80-120	
2,4,5-T	515.3	10/06/15:214557SG	CCV	ug/L	40.00	129 %	70-130	
			CCV	ug/L	80.00	105 %	70-130	
2,4,5-TP (Silvex)	515.3	10/02/15:211491SG (STK1550788-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	104 %	70-130	
			MS	ug/L	4.000	117 %	70-130	
			MSD	ug/L	4.000	92.9 %	70-130	
			MSRPD	ug/L	20.00	0.95	≤1	
2,4,5-Trichlorophenoxyacetic A	515.3	10/02/15:211491SG (STK1550788-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	107 %	70-130	
			MS	ug/L	4.000	119 %	70-130	
			MSD	ug/L	4.000	94.8 %	70-130	
			MSRPD	ug/L	20.00	0.98	≤1	
2,4-D	515.3	10/02/15:211491SG (STK1550788-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	127 %	70-130	
			MS	ug/L	8.000	127 %	70-130	
			MSD	ug/L	8.000	112 %	70-130	
			MSRPD	ug/L	20.00	1.2	≤2	
2,4-DCAA	515.3	10/06/15:214557SG	CCV	ug/L	80.00	144 %	70-130	360
			CCV	ug/L	160.0	115 %	70-130	
			Blank	ug/L		71.1 %	70-130	
			LCS	ug/L	20.00	80.3 %	70-130	
			MS	ug/L	20.00	88.6 %	N/A	
Bentazon	515.3	10/02/15:211491SG (STK1550788-001)	MSD	ug/L	20.00	72.3 %	N/A	
			MSRPD	ug/L	20.00	20.3%	≤30.	
			Blank	ug/L		91.2 %	70-130	
			CCV	ug/L	200.0	96.2 %	70-130	
			CCV	ug/L	400.0			
Dalapon	515.3	10/06/15:214557SG	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	113 %	70-130	
			MS	ug/L	8.000	126 %	70-130	
			MSD	ug/L	8.000	94.2 %	70-130	
			MSRPD	ug/L	20.00	2.5	≤2	435
Dicamba	515.3	10/02/15:211491SG (STK1550788-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	114 %	70-130	
			MS	ug/L	4.000	130 %	70-130	
			MSD	ug/L	4.000	111 %	70-130	
			MSRPD	ug/L	20.00	0.73	≤1	
Dinoseb	515.3	10/06/15:214557SG	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	97.6 %	70-130	
			MS	ug/L	8.000	104 %	70-130	
			MSD	ug/L	8.000	82.8 %	70-130	
			MSRPD	ug/L	20.00	0.73	≤1	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Dinoseb	515.3	10/02/15:211491SG	MSRPD	ug/L	20.00	22.4%	≤30.0	
	515.3	10/06/15:214557SG	CCV CCV	ug/L ug/L	80.00 160.0	110 % 95.8 %	70-130 70-130	
Pentachlorophenol	515.3	10/02/15:211491SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	4.000 4.000 4.000 4.000 20.00	ND 118 % 133 % 106 % 22.7%	<0.2 70-130 70-130 70-130 ≤30.0	435
	515.3	10/06/15:214557SG	CCV CCV	ug/L ug/L	40.00 80.00	132 % 114 %	70-130 70-130	360
Picloram	515.3	10/02/15:211491SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	4.000 4.000 4.000 4.000 20.00	ND 77.6 % 90.8 % 75.8 % 0.60	<1 70-130 70-130 70-130 ≤1	
	515.3	10/06/15:214557SG	CCV CCV	ug/L ug/L	40.00 80.00	88.6 % 78.1 %	70-130 70-130	
1,1,1,2-Tetrachloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 126 % 126 % 0.1%	<0.5 12-178 12-178 ≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	132 %	70-130	360
1,1,1-Trichloroethane(TCA)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 122 % 126 % 3.4%	<0.5 9-176 9-176 ≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	130 %	70-130	
1,1,2,2-Tetrachloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 108 % 103 % 5.0%	<0.5 23-180 23-180 ≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
1,1,2-Trichloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 114 % 109 % 4.5%	<0.5 25-173 25-173 ≤29	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	123 %	70-130	
1,1-Dichloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 85.5 % 86.2 % 0.9%	<0.5 15-161 15-161 ≤36	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	90.3 %	70-130	
1,1-Dichloroethylene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 73.0 % 78.6 % 7.4%	<0.5 0-162 0-162 ≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	79.6 %	70-130	
1,1-Dichloropropene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 102 % 107 % 4.5%	<0.5 0-171 0-171 ≤31	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	111 %	70-130	
1,2,3-Trichlorobenzene	524.2	10/08/15:211795VRG	Blank MS	ug/L ug/L	10.00	ND 115 %	<0.5 14-181	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2,3-Trichlorobenzene	524.2	(SP 1510822-001)	MSD	ug/L	10.00	123 %	14-181	
			MSRPD	ug/L	10.00	6.5%	≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	105 %	70-130	
1,2,4-Trichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	117 %	10-180	
			MSD	ug/L	10.00	122 %	10-180	
			MSRPD	ug/L	10.00	4.3%	≤32	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	111 %	70-130	
1,2,4-Trimethylbenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	108 %	2-192	
			MSD	ug/L	10.00	107 %	2-192	
			MSRPD	ug/L	10.00	0.8%	≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	116 %	70-130	
1,2-Dichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	114 %	13-191	
			MSD	ug/L	10.00	112 %	13-191	
			MSRPD	ug/L	10.00	1.7%	≤35	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	119 %	70-130	
1,2-Dichlorobenzene-d4	524.2	10/08/15:211795VRG	Blank	ug/L	10.00	105 %	70-130	
		(SP 1510822-001)	MS	ug/L	10.00	111 %	70-130	
			MSD	ug/L	10.00	115 %	70-130	
			MSRPD	ug/L	10.00	3.5%	≤20	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	113 %	70-130	
1,2-Dichloroethane (EDC)	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	105 %	18-162	
			MSD	ug/L	10.00	103 %	18-162	
			MSRPD	ug/L	10.00	2.7%	≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
1,2-Dichloropropane	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	93.3 %	10-163	
			MSD	ug/L	10.00	93.1 %	10-163	
			MSRPD	ug/L	10.00	0.2%	≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	101 %	70-130	
1,3,5-Trimethylbenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	115 %	0-210	
			MSD	ug/L	10.00	113 %	0-210	
			MSRPD	ug/L	10.00	1.7%	≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	120 %	70-130	
1,3-Dichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	113 %	17-182	
			MSD	ug/L	10.00	109 %	17-182	
			MSRPD	ug/L	10.00	2.9%	≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	119 %	70-130	
1,3-Dichloropropane	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	125 %	0-178	
			MSD	ug/L	10.00	122 %	0-178	
			MSRPD	ug/L	10.00	2.7%	≤29	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	135 %	70-130	360
1,4-Dichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	114 %	19-183	
			MSD	ug/L	10.00	111 %	19-183	
			MSRPD	ug/L	10.00	3.3%	≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	121 %	70-130	
2,2-Dichloropropane	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	

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Organic 2,2-Dichloropropane	524.2	(SP 1510822-001)	MS	ug/L	10.00	109 %	0-288	
			MSD	ug/L	10.00	112 %	0-288	
			MSRPD	ug/L	10.00	2.5%	≤33	
2-Chlorotoluene	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	115 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	115 %	17-180	
4-Bromofluorobenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	112 %	17-180	
			MSRPD	ug/L	10.00	2.6%	≤38	
			CCV	ug/L	10.00	121 %	70-130	
4-Bromofluorobenzene (BFB)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L	10.00	109 %	70-130	
			MS	ug/L	10.00	114 %	70-130	
			MSD	ug/L	10.00	115 %	70-130	
4-Chlorotoluene	524.2	10/08/15:211795VRG (SP 1510822-001)	MSRPD	ug/L	10.00	0.6%	≤30	
			CCV	ug/L	10.00	115 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
Benzene	524.2	10/08/15:211795VRG (SP 1510822-001)	MS	ug/L	10.00	115 %	11-177	
			MSD	ug/L	10.00	111 %	11-177	
			MSRPD	ug/L	10.00	3.7%	≤41	
Bromobenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	120 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	106 %	12-158	
Bromochloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	107 %	12-158	
			MSRPD	ug/L	10.00	0.4%	≤36	
			CCV	ug/L	10.00	113 %	70-130	
Bromodichloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	127 %	23-177	
			MSD	ug/L	10.00	124 %	23-177	
Bromoform	524.2	10/08/15:211795VRG (SP 1510822-001)	MSRPD	ug/L	10.00	2.3%	≤40	
			CCV	ug/L	10.00	134 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
Bromomethane (Methyl Bromide)	524.2	10/08/15:211795VRG (SP 1510822-001)	MS	ug/L	10.00	116 %	4-186	
			MSD	ug/L	10.00	110 %	4-186	
			MSRPD	ug/L	10.00	5.3%	≤30	
Carbon Tetrachloride	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	121 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	135 %	11-164	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	133 %	11-164	
			MSRPD	ug/L	10.00	1.3%	≤34	
			CCV	ug/L	10.00	143 %	70-130	360
	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	206 %	0-235	
			MSD	ug/L	10.00	192 %	0-235	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MSRPD	ug/L	10.00	6.8%	≤39	
			CCV	ug/L	10.00	216 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MS	ug/L	10.00	139 %	0-196	
			MSD	ug/L	10.00	208 %	0-196	
			MSRPD	ug/L	10.00	39.8%	≤40	435
	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	148 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	121 %	5-175	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	127 %	5-175	
			MSRPD	ug/L	10.00	4.8%	≤32	
			CCV	ug/L	10.00	128 %	70-130	

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Organic Chlorobenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 121 % 122 % 0.2%	<0.5 14-175 14-175 ≤35	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	130 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 122 % 179 % 38.4%	<0.5 0-184 0-184 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	124 %	70-130	
Chloroform	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 121 % 121 % 0.2%	<0.5 15-163 15-163 ≤36	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	128 %	70-130	
Chloromethane(Methyl Chloride)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 89.1 % 134 % 40.3%	<0.5 0-224 0-224 ≤39	435
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	94.0 %	70-130	
cis-1,2-Dichloroethylene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 105 % 107 % 1.5%	<0.5 16-172 16-172 ≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
cis-1,3-Dichloropropene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 132 % 129 % 2.6%	<0.5 5-158 5-158 ≤38	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	141 %	70-130	360
Dibromochloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 165 % 161 % 2.7%	<0.5 1-180 1-180 ≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	175 %	70-130	360
Dibromomethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 107 % 102 % 4.8%	<0.5 11-168 11-168 ≤28	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	116 %	70-130	
Dichlorodifluoromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 148 % 206 % 32.7%	<0.5 0-334 0-334 ≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	155 %	70-130	360
Dichloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 93.5 % 94.3 % 0.8%	<0.5 20-157 20-157 ≤36	
	524.2	10/08/15:211795VRG	CCV	ug/L	10.00	103 %	70-130	
Ethyl tert-Butyl Ether	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 98.8 % 92.9 % 0.58	<3 11-165 11-165 ≤3	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	103 %	70-130	

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Organic Ethylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 114 % 114 % 0.2%	<0.5 9-174 9-174 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	122 %	70-130	
Freon-11	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 155 % 232 % 39.7%	<0.5 0-232 0-232 ≤35	435
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	153 %	70-130	360
Hexachlorobutadiene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 151 % 160 % 5.6%	<0.5 14-200 14-200 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	153 %	70-130	360
Isopropyl Ether	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 66.9 % 65.9 % 0.11	<3 8-165 8-165 ≤3	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	70.1 %	70-130	
Isopropylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 117 % 119 % 1.7%	<0.5 4-159 4-159 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	123 %	70-130	
Methyl tert-Butyl Ether	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	121 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 117 % 110 % 6.6%	<1.0 11-168 11-168 ≤29	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	101 %	70-130	
Methylene Chloride	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 96.1 % 101 % 4.8%	<0.5 0-189 0-189 ≤32	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	89.1 %	70-130	
Naphthalene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 96.1 % 101 % 4.8%	<0.5 0-189 0-189 ≤32	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	89.1 %	70-130	
n-Butylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 92.2 % 92.0 % 0.2%	<0.5 4-186 4-186 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	95.8 %	70-130	
n-Propylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 105 % 104 % 1.0%	<0.5 0-174 0-174 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	111 %	70-130	
p-Isopropyltoluene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 110 % 111 % 0.9%	<0.5 0-193 0-193 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	114 %	70-130	
sec-Butylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 105 % 109 % 2.9%	<0.5 0-177 0-177 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	114 %	70-130	

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Organic								
sec-Butylbenzene	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
Styrene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	0-198	
			MSD	ug/L	10.00	114 %	0-198	
			MSRPD	ug/L	10.00	2.0%	≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	126 %	70-130	
TAME	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	127 %	15-162	
			MSD	ug/L	10.00	122 %	15-162	
			MSRPD	ug/L	10.00	0.50	≤3	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	133 %	70-130	360
tert-Butylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	9-179	
			MSD	ug/L	10.00	123 %	9-179	
			MSRPD	ug/L	10.00	3.9%	≤38	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	126 %	30-130	
Tetrachloroethylene (PCE)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	139 %	14-186	
			MSD	ug/L	10.00	138 %	14-186	
			MSRPD	ug/L	10.00	1.1%	≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	150 %	70-130	360
Toluene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	3-174	
			MSD	ug/L	10.00	119 %	3-174	
			MSRPD	ug/L	10.00	2.8%	≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	125 %	30-130	
trans-1,2-Dichloroethylene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.8 %	5-165	
			MSD	ug/L	10.00	98.0 %	5-165	
			MSRPD	ug/L	10.00	3.4%	≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	102 %	70-130	
trans-1,3-Dichloropropene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-169	
			MSD	ug/L	10.00	126 %	0-169	
			MSRPD	ug/L	10.00	2.3%	≤31	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	141 %	70-130	360
Trichloroethylene (TCE)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	11-167	
			MSD	ug/L	10.00	118 %	11-167	
			MSRPD	ug/L	10.00	1.7%	≤35	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	124 %	70-130	
Trichlorofluoromethane F-11	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	164 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.7 %	0-183	
			MSD	ug/L	10.00	79.5 %	0-183	
			MSRPD	ug/L	10.00	8.6%	≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	94.4 %	70-130	
Vinyl Chloride	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	0-208	
			MSD	ug/L	10.00	170 %	0-208	
			MSRPD	ug/L	10.00	40.0%	≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	119 %	30-130	
Xylenes m,p	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	118 %	0-193	

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Organic Xylenes m,p	524.2	(SP 1510822-001)	MSD MSRPD	ug/L ug/L	20.00 10.00	117 % 1.0%	0-193 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	20.00	126 %	70-130	
Xylenes o	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	0-188	
			MSD	ug/L	10.00	119 %	0-188	
			MSRPD	ug/L	10.00	0.08%	≤36	
3-Hydroxycarbofuran	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	102 %	65-135	
			MSD	ug/L	20.00	99.6 %	65-135	
			MSRPD	ug/L	20.00	2.2%	≤16.8	
			CCV	ug/L	20.00	115 %	80-120	
Aldicarb	531.1	10/05/15:211586SG (STK1550788-001)	CCV	ug/L	10.00	106 %	80-120	
			Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	94.1 %	80-120	
			MS	ug/L	20.00	96.5 %	65-135	
			MSD	ug/L	20.00	104 %	65-135	
			MSRPD	ug/L	20.00	7.5%	≤11.2	
Aldicarb Sulfone	531.1	10/05/15:214499SG	CCV	ug/L	20.00	85.1 %	80-120	
			CCV	ug/L	10.00	89.1 %	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	10/05/15:211586SG (STK1550788-001) (STK1550788-001)	CCV	ug/L	20.00	117 %	80-120	
			CCV	ug/L	10.00	116 %	80-120	
			Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	108 %	80-120	
			LCS	ug/L	20.00	108 %	80-120	
			MS	ug/L	20.00	111 %	65-135	
			MS	ug/L	20.00	112 %	65-135	
			MSD	ug/L	20.00	116 %	65-135	
			MSD	ug/L	20.00	115 %	65-135	
			MSRPD	ug/L	20.00	3.8%	≤7.28	
			MSRPD	ug/L	20.00	3.3%	≤13.8	
Aldicarb Sulfoxide	531.1	10/05/15:214499SG	CCV	ug/L	20.00	108 %	80-120	
			CCV	ug/L	10.00	106 %	80-120	
Carbaryl	531.1	10/05/15:214499SG	CCV	ug/L	20.00	112 %	80-120	
			CCV	ug/L	10.00	117 %	80-120	
Carbaryl/Naphthol	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	109 %	80-120	
			MS	ug/L	20.00	115 %	65-135	
			MSD	ug/L	20.00	119 %	65-135	
			MSRPD	ug/L	20.00	0.79	≤5	
Carbofuran	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	105 %	65-135	
			MSD	ug/L	20.00	107 %	65-135	
			MSRPD	ug/L	20.00	0.49	≤5	
Methomyl	531.1	10/05/15:211586SG (STK1550788-001)	CCV	ug/L	20.00	84.8 %	80-120	
			CCV	ug/L	10.00	86.1 %	80-120	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	115 %	80-120	
			MS	ug/L	20.00	116 %	65-135	
			MSD	ug/L	20.00	108 %	65-135	

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Organic Methomyl	531.1	10/05/15:211586SG	MSRPD	ug/L	20.00	7.1%	≤53.1	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	108 % 106 %	80-120 80-120	
Oxamyl	531.1	10/05/15:211586SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 99.4 % 99.9 % 101 % 0.25	<5 80-120 65-135 65-135 ≤5	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	111 % 109 %	80-120 80-120	
TOC	5310C	10/02/15:211193AMM	Blank BS BSD BSRPD	mg/L mg/L mg/L mg/L	15.00 15.00 15.00 15.00	ND 104 % 103 % 0.8%	<0.5 75-125 75-125 ≤23.0	
	5310C	10/03/15:214409AMM	CCV CCV	ppm ppm	15.00 15.00	102 % 98.1 %	67-122 67-122	
Glyphosate	547	09/30/15:211389SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	200.0 200.0 200.0 200.0 200.0	ND 110 % 111 % 109 % 1.4%	<20 71-129 56-139 56-139 ≤15	
	547	09/30/15:214266SG	CCV CCV	ug/L ug/L	100.0 200.0	108 % 91.3 %	80-120 80-120	
Endothall	548.1	10/02/15:211479SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	83.33 83.33 83.33 83.33 83.33	ND 65.4 % 65.6 % 57.7 % 6.6	<40 30-96 15-87 15-87 ≤40	
	548.1	10/08/15:214645SG	CCV CCV	ug/L ug/L	1000 2500	109 % 116 %	70-130 70-130	
Diquat Dibromide	549	10/01/15:211434SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 62.8 % 54.9 % 60.6 % 10%	<2 34-114 0-86 0-86 ≤13	
	549.2	10/08/15:214717SG	CCV CCV	ug/L ug/L	500.0 1000	93.0 % 87.3 %	80-120 80-120	
2,3-Dibromopropionic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000 5.000	97.5 % 83.4 % 119 % 130 % 8.8%	70-130 70-130 70-130 70-130 ≤20.0	
Dibromoacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 111 % 129 % 153 % 14.3%	<1 70-130 70-130 70-130 ≤20.0	435
Dichloroacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 113 % 134 % 154 % 14.1%	<1 70-130 70-130 70-130 ≤20.0	435 435
Monobromoacetic Acid	552	09/30/15:211368SBL	Blank LCS	ug/L ug/L	10.00	ND 108 %	<1 70-130	

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Organic								
Monobromoacetic Acid	552	(CC 1583275-001)	MS	ug/L	10.00	201 %	70-130	435
			MSD	ug/L	10.00	224 %	70-130	435
			MSRPD	ug/L	5.000	10.4%	≤20.0	
Monochloroacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	113 %	70-130	
			MS	ug/L	10.00	255 %	70-130	435
			MSD	ug/L	10.00	289 %	70-130	435
			MSRPD	ug/L	5.000	12.7%	≤20.0	
Trichloroacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	115 %	70-130	
			MS	ug/L	10.00	103 %	70-130	
			MSD	ug/L	10.00	135 %	70-130	435
			MSRPD	ug/L	5.000	26.9%	≤20.0	435
2,3-Dibromopropionic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	75.00	70.9 %	70-130	
			CCV	ug/L	50.00	91.2 %	70-130	
Dibromoacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	112 %	70-130	
			CCV	ug/L	100.0	115 %	70-130	
Dichloroacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	111 %	70-130	
			CCV	ug/L	100.0	120 %	70-130	
Monobromoacetic Acid	552.2	10/02/15:214551SBL	CCV	ug/L	150.0	94.8 %	70-130	
			CCV	ug/L	100.0	90.8 %	70-130	
Monochloroacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	98.6 %	70-130	
			CCV	ug/L	100.0	119 %	70-130	
Trichloroacetic Acid	552.2	10/02/15:214551SBL	CCV	ug/L	150.0	100 %	70-130	
			CCV	ug/L	100.0	109 %	70-130	
Chlordane	608	10/01/15:211432CCG	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	0.5005	80.3 %	26-141	
			BS	ug/L	0.5005	74.3 %	26-141	
			BSD	ug/L	0.5005	67.4 %	26-141	
			BSRPD	ug/L	0.5005	72.2 %	26-141	
			BSRPD	ug/L	0.5005	6.8%	≤29	
	608	10/03/15:214403SBL	CCV	ug/L	50.05	96.9 %	85-115	
			CCV	ug/L	100.1	86.2 %	85-115	
Toxaphene	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	101 %	66-191	
			MSD	ug/L	10.00	98.6 %	66-191	
			MSRPD	ug/L	10.00	2.4%	≤21	
1,1,2,2-Tetrachloroethane	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	95.2 %	75-125	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	30-180	
			MSD	ug/L	10.00	113 %	30-180	
			MSRPD	ug/L	10.00	1.4%	≤19	
1,1,2-Trichloroethane	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	116 %	60-140	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.7 %	50-146	
			MSD	ug/L	10.00	67.7 %	50-146	

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Organic								
1,1,2-Trichloroethane	624	10/01/15:211684VRG	MSRPD	ug/L	10.00	5.7%	≤25	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	76.1 %	71-129	
1,1-Dichloroethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.8 %	63-159	
			MSD	ug/L	10.00	89.9 %	63-159	
			MSRPD	ug/L	10.00	2.1%	≤22	
1,1-Dichloroethylene	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	93.0 %	72-128	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.8 %	0-279	
			MSD	ug/L	10.00	71.7 %	0-279	
1,2-Dichlorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	MSRPD	ug/L	10.00	2.6%	≤36	
			CCV	ug/L	10.00	61.6 %	51-150	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	57-153	
1,2-Dichloroethane (EDC)	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	112 %	57-153	
			MSRPD	ug/L	10.00	0.8%	≤26	
			CCV	ug/L	10.00	114 %	63-137	
			Blank	ug/L		ND	<0.5	
1,2-Dichloropropane	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	10.00	93.9 %	56-158	
			MSD	ug/L	10.00	96.8 %	56-158	
			MSRPD	ug/L	10.00	3.0%	≤24	
			CCV	ug/L	10.00	106 %	68-132	
1,3-Dichlorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	112 %	53-159	
			MSD	ug/L	10.00	107 %	53-159	
			MSRPD	ug/L	10.00	4.5%	≤28	
1,4-Dichlorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	111 %	73-127	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	53-161	
			MSD	ug/L	10.00	118 %	53-161	
2-Butanone (MEK)	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	0.008%	≤27	
			CCV	ug/L	10.00	120 %	63-137	
			Blank	ug/L		ND	<40	
			MS	ug/L	40.00	224 %	0-211	435
2-Chloroethylvinyl ether	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	40.00	223 %	0-211	435
			MSRPD	ug/L	10.00	0.33	≤40	
			CCV	ug/L	40.00	400 %	20-230	360
			Blank	ug/L		ND	<10	
2-Hexanone	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	40.00	18.6 %	0-11	435
			MSD	ug/L	40.00	17.6 %	0-11	435
			MSRPD	ug/L	10.00	0.41	≤10	
			CCV	ug/L	40.00	31.9 %	0-224	
4-Bromofluorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	21.6 %	0-190	
			MSD	ug/L	40.00	21.3 %	0-190	
			MSRPD	ug/L	10.00	0.14	≤30	
4-Bromofluorobenzene	624	10/01/15:211684VRG	CCV	ug/L	40.00	33.4 %	20-283	
			Blank	ug/L		ND	<30	
4-Bromofluorobenzene	624	10/01/15:211684VRG	MS	ug/L	10.00	105 %	70-161	
			MS	ug/L	10.00	101 %	58-151	

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Organic								
4-Bromofluorobenzene	624	(SP 1510788-005)	MSD	ug/L	10.00	101 %	58-151	
			MSRPD	ug/L	10.00	0.3%	≤14	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	96.6 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	20.1 %	0-194	
			MSD	ug/L	40.00	19.1 %	0-194	
			MSRPD	ug/L	10.00	0.42	≤30	
	624	10/01/15:214611VRG	CCV	ug/L	40.00	33.1 %	20-233	
Acetone	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<25	
			MS	ug/L	40.00	212 %	0-270	
			MSD	ug/L	40.00	205 %	0-270	
			MSRPD	ug/L	10.00	2.8	≤25	
	624	10/01/15:214611VRG	CCV	ug/L	40.00	357 %	20-367	
Acrolein	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<5	
			MS	ug/L	200.0	102 %	0-171	
			MSD	ug/L	200.0	106 %	0-171	
			MSRPD	ug/L	10.00	3.5%	≤50	
	624	10/01/15:214611VRG	CCV	ug/L	200.0	130 %	20-209	
Acrylonitrile	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<2	
			MS	ug/L	200.0	180 %	0-244	
			MSD	ug/L	200.0	184 %	0-244	
			MSRPD	ug/L	10.00	2.0%	≤47	
	624	10/01/15:214611VRG	CCV	ug/L	200.0	197 %	20-278	
Benzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.6 %	65-155	
			MSD	ug/L	10.00	93.0 %	65-155	
			MSRPD	ug/L	10.00	0.7%	≤21	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	95.6 %	64-136	
Bromodichloromethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.1 %	62-150	
			MSD	ug/L	10.00	66.9 %	62-150	
			MSRPD	ug/L	10.00	6.1%	≤22	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	73.9 %	65-135	
Bromoform	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	64-150	
			MSD	ug/L	10.00	113 %	64-150	
			MSRPD	ug/L	10.00	0.1%	≤16	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	125 %	71-129	
Bromomethane (Methyl Bromide)	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	174 %	48-196	
			MSD	ug/L	10.00	167 %	48-196	
			MSRPD	ug/L	10.00	3.9%	≤24	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	172 %	14-186	
Carbon Disulfide	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<5	
			MS	ug/L	40.00	25.3 %	0-230	
			MSD	ug/L	40.00	24.6 %	0-230	
			MSRPD	ug/L	10.00	0.26	≤5	
	624	10/01/15:214611VRG	CCV	ug/L	40.00	35.8 %	20-242	
Carbon Tetrachloride	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	103 %	69-206	
			MSD	ug/L	10.00	99.3 %	69-206	
			MSRPD	ug/L	10.00	3.2%	≤19	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	95.1 %	73-127	
Chlorobenzene	624	10/01/15:211684VRG	Blank	ug/L		ND	<0.5	

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Organic Chlorobenzene	624	(SP 1510788-005)	MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	72.9 % 67.3 % 8.1%	69-152 69-152 ≤24	435
	624	10/01/15:211684VRG	CCV	ug/L	10.00	73.6 %	66-134	
Chloroethane (Ethyl Chloride)	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 164 % 160 % 2.8%	<0.5 53-214 53-214 ≤32	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	168 %	38-162	360
Chloroform	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 98.3 % 98.2 % 0.05%	<0.5 55-155 55-155 ≤22	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	105 %	67-133	
Chloromethane(Methyl Chloride)	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 148 % 146 % 1.0%	<0.5 33-202 33-202 ≤25	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	156 %	0-204	
cis-1,3-Dichloropropene	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 79.8 % 74.6 % 6.8%	<0.5 59-142 59-142 ≤23	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	82.6 %	24-176	
Dibromochloromethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 70.4 % 67.8 % 3.7%	<0.5 53-151 53-151 ≤25	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	75.5 %	67-133	
Dichloromethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 78.3 % 0.039	<2 24-207 24-207 ≤2	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	82.1 %	60-139	
Ethylbenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 122 % 121 % 1.0%	<0.5 45-194 45-194 ≤31	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	115 %	59-141	
Fluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	93.6 % 92.9 % 94.8 % 2.1%	72-139 90-121 90-121 ≤3	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	94.7 %	70-130	
Freon-11	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 197 % 187 % 5.0%	<2.0 57-259 57-259 ≤27	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	180 %	48-152	360
Methyl tert-Butyl Ether (MTBE)	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 103 % 104 % 0.11	<5 26-210 26-210 ≤5	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	109 %	63-178	

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Organic Pentafluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L	10.00	95.9 %	59-151	
			MS	ug/L	10.00	95.9 %	74-148	
			MSD	ug/L	10.00	95.9 %	74-148	
			MSRPD	ug/L	10.00	0.03%	≤10	
Styrene	624	10/01/15:211684VRG (SP 1510788-005)	CCV	ug/L	10.00	95.1 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	6-195	
			MSD	ug/L	10.00	119 %	6-195	
Tetrachloroethylene (PCE)	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	0.1%	≤25	
			CCV	ug/L	10.00	120 %	67-158	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	79.7 %	63-171	
Toluene	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	72.5 %	63-171	
			MSRPD	ug/L	10.00	9.5%	≤26	
			CCV	ug/L	10.00	73.0 %	73-127	
			Blank	ug/L		ND	<0.5	
trans-1,2-Dichloroethylene	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	10.00	77.3 %	65-160	
			MSD	ug/L	10.00	71.0 %	65-160	
			MSRPD	ug/L	10.00	8.5%	≤25	
			CCV	ug/L	10.00	75.0 %	74-126	
trans-1,3-Dichloropropene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.4 %	68-179	
			MSD	ug/L	10.00	88.0 %	68-179	
			MSRPD	ug/L	10.00	1.5%	≤51	
Trichloroethylene (TCE)	624	10/01/15:211684VRG (SP 1510788-005)	CCV	ug/L	10.00	84.3 %	69-131	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.5 %	55-148	
			MSD	ug/L	10.00	67.5 %	55-148	
Vinyl Acetate	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	5.7%	≤25	
			CCV	ug/L	10.00	76.2 %	50-150	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	101 %	54-178	
Vinyl Chloride	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	97.0 %	54-178	
			MSRPD	ug/L	10.00	4.4%	≤22	
			CCV	ug/L	10.00	101 %	66-134	
			Blank	ug/L		ND	<10	
Xylenes m,p	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	40.00	279 %	0-331	
			MSD	ug/L	40.00	289 %	0-331	
			MSRPD	ug/L	10.00	3.8%	≤44	
			CCV	ug/L	40.00	482 %	20-393	360
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	178 %	32-217	
			MSD	ug/L	10.00	168 %	32-217	
			MSRPD	ug/L	10.00	5.7%	≤26	
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	CCV	ug/L	10.00	172 %	4-196	
			Blank	ug/L		ND	<1.0	
			MS	ug/L	20.00	116 %	50-181	
			MSD	ug/L	20.00	117 %	50-181	
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	1.6%	≤30	
			CCV	ug/L	20.00	110 %	45-170	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	38-182	
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	112 %	38-182	
			MSRPD	ug/L	10.00	0.6%	≤29	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	38-182	

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Organic								
Xylenes o	624	10/01/15:214611VRG	CCV	ug/L	10.00	112 %	63-163	
1,2,4-Trichlorobenzene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	55.3 %	21-90	
			BS	ug/L	20.00	85.8 %	21-90	
			BSD	ug/L	20.00	71.2 %	21-90	
			BSRPD	ug/L	20.00	18.6%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
1,2-Dichlorobenzene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	53.7 %	22-90	
			BS	ug/L	20.00	84.4 %	22-90	
			BSD	ug/L	20.00	68.6 %	22-90	
			BSRPD	ug/L	20.00	20.6%	≤51	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
1,2-Diphenylhydrazine	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	64.9 %	41-103	
			BS	ug/L	20.00	89.6 %	41-103	
			BSD	ug/L	20.00	78.9 %	41-103	
			BSRPD	ug/L	20.00	12.7%	≤26	
1,3-Dichlorobenzene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.6 %	22-86	
			BS	ug/L	20.00	82.0 %	22-86	
			BSD	ug/L	20.00	64.5 %	22-86	
			BSRPD	ug/L	20.00	23.8%	≤56	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
1,4-Dichlorobenzene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	51.6 %	23-83	
			BS	ug/L	20.00	80.9 %	23-83	
			BSD	ug/L	20.00	64.2 %	23-83	
			BSRPD	ug/L	20.00	23.0%	≤57	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
2,4,5-Trichlorophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	72.7 %	28-107	
			BS	ug/L	20.00	111 %	28-107	
			BSD	ug/L	20.00	97.7 %	28-107	
			BSRPD	ug/L	20.00	13.2%	≤25	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	70-130	
2,4,6-Tribromophenol	625	09/30/15:211378CCG	Blank	ug/L	20.00	55.4 %	18-105	
			LCS	ug/L	20.00	55.4 %	18-105	
			BS	ug/L	20.00	77.7 %	18-105	
			BSD	ug/L	20.00	67.7 %	18-105	
			BSRPD	ug/L	20.00	13.8%	≤21	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	362
2,4,6-Trichlorophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	69.0 %	29-109	
			BS	ug/L	20.00	101 %	29-109	
			BSD	ug/L	20.00	89.1 %	29-109	
			BSRPD	ug/L	20.00	13.1%	≤31	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	113 %	80-120	
2,4-Dichlorophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	82.6 %	26-105	
			BS	ug/L	20.00	120 %	26-105	
			BSD	ug/L	20.00	104 %	26-105	
			BSRPD	ug/L	20.00	14.1%	≤31	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	133 %	80-120	360

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Organic 2,4-Dimethylphenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	51.5 %	28-77	
			BS	ug/L	20.00	73.3 %	28-77	
			BSD	ug/L	20.00	64.8 %	28-77	
			BSRPD	ug/L	20.00	12.2%	≤39	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	360
2,4-Dinitrophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	14.6 %	27-74	320
			BS	ug/L	20.00	41.5 %	27-74	
			BSD	ug/L	20.00	52.9 %	27-74	
			BSRPD	ug/L	20.00	2.3	≤5	
	625	10/08/15:214700SBL	CCV	mg/L	20.00	85.4 %	80-120	
2,4-Dinitrotoluene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	69.8 %	39-101	436
			BS	ug/L	20.00	104 %	39-101	
			BSD	ug/L	20.00	93.4 %	39-101	
			BSRPD	ug/L	20.00	11.1%	≤23	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
2,6-Dinitrotoluene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	71.5 %	12-159	
			BS	ug/L	20.00	104 %	12-159	
			BSD	ug/L	20.00	91.4 %	12-159	
			BSRPD	ug/L	20.00	12.7%	≤20	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
2-Chlorophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	64.2 %	27-101	
			BS	ug/L	20.00	91.5 %	27-101	
			BSD	ug/L	20.00	78.2 %	27-101	
			BSRPD	ug/L	20.00	15.7%	≤43	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
2-Fluorobiphenyl	625	09/30/15:211378CCG	Blank	ug/L	10.00	51.9 %	15-91	
			LCS	ug/L	10.00	49.4 %	15-91	
			BS	ug/L	10.00	71.5 %	15-91	
			BSD	ug/L	10.00	61.3 %	15-91	
			BSRPD	ug/L	20.00	15.3%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	10.00	115 %	80-120	
2-Fluorophenol	625	09/30/15:211378CCG	Blank	ug/L	20.00	55.0 %	12-86	
			LCS	ug/L	20.00	49.9 %	12-86	
			BS	ug/L	20.00	70.8 %	12-86	
			BSD	ug/L	20.00	59.8 %	12-86	
			BSRPD	ug/L	20.00	16.9%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	121 %	80-120	362
2-Nitrophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	68.7 %	28-104	
			BS	ug/L	20.00	103 %	28-104	
			BSD	ug/L	20.00	89.0 %	28-104	
			BSRPD	ug/L	20.00	14.8%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
3,3-Dichlorobenzidine	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	74.4 %	0-106	436
			BS	ug/L	20.00	108 %	0-106	
			BSD	ug/L	20.00	97.4 %	0-106	
			BSRPD	ug/L	20.00	10.5%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	128 %	80-120	360

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Organic								
4,6-Dinitro-2-methylphenol	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 51.6 % 108 % 87.8 % 20.3%	<1 31-89 31-89 31-89 ≤36	436
4,6-Dinitro-o-cresol	625	10/06/15:214694VRG	CCV	mg/L	20.00	92.1 %	80-120	
4-Bromophenylphenylether	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 67.0 % 90.7 % 83.5 % 8.3%	<1 37-94 37-94 37-94 ≤23	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	107 %	80-120	
4-Nitrophenol	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 86.5 % 140 % 121 % 15.0%	<2 5-113 5-113 5-113 ≤45	436 436
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	360
Acenaphthene	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 62.9 % 89.4 % 79.9 % 11.2%	<1 31-95 31-95 31-95 ≤38	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Acenaphthylene	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 63.6 % 87.5 % 79.0 % 10.2%	<1 27-92 27-92 27-92 ≤37	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Anthracene	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 69.8 % 93.7 % 85.8 % 8.8%	<1 32-98 32-98 32-98 ≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Azobenzene	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Benzidine	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 22.8 % 19.7 % 13.6 % 1.2	<2 0-25 0-25 0-25 ≤2	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	151 %	70-130	360
Benzo(a)anthracene	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 68.6 % 96.2 % 88.2 % 8.7%	<1 39-107 39-107 39-107 ≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	111 %	80-120	
Benzo(a)pyrene	625	09/30/15:211378CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 79.2 % 110 % 99.6 % 9.8%	<1 44-86 44-86 44-86 ≤22	436 436

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Organic								
Benzo(a)pyrene	625	10/06/15:214694VRG	CCV	mg/L	20.00	124 %	80-120	360
Benzo(b)fluoranthene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	77.4 %	33-108	
			BS	ug/L	20.00	108 %	33-108	
			BSD	ug/L	20.00	102 %	33-108	
			BSRPD	ug/L	20.00	5.8%	≤24	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	124 %	80-120	360
Benzo(g,h,i)perylene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	79.8 %	0-160	
			BS	ug/L	20.00	115 %	0-160	
			BSD	ug/L	20.00	102 %	0-160	
			BSRPD	ug/L	20.00	11.8%	≤24	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	137 %	80-120	360
Benzo(k)fluoranthene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	75.9 %	34-107	
			BS	ug/L	20.00	99.5 %	34-107	
			BSD	ug/L	20.00	92.7 %	34-107	
			BSRPD	ug/L	20.00	7.1%	≤34	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	80-120	
bis(2-Chloroethoxy)methane	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	70.6 %	30-103	
			BS	ug/L	20.00	102 %	30-103	
			BSD	ug/L	20.00	90.2 %	30-103	
			BSRPD	ug/L	20.00	12.3%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
bis(2-Chloroethyl)ether	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.9 %	0-279	
			BS	ug/L	20.00	90.4 %	0-279	
			BSD	ug/L	20.00	78.0 %	0-279	
			BSRPD	ug/L	20.00	14.8%	≤66	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
bis(2-Chloroisopropyl)ether	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	66.5 %	27-118	
			BS	ug/L	20.00	95.3 %	27-118	
			BSD	ug/L	20.00	82.3 %	27-118	
			BSRPD	ug/L	20.00	14.6%	≤40	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	115 %	80-120	
bis(2-Ethylhexyl)phthalate	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	86.7 %	46-118	
			BS	ug/L	20.00	102 %	46-118	
			BSD	ug/L	20.00	94.9 %	46-118	
			BSRPD	ug/L	20.00	6.6%	≤7	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	114 %	80-120	
Butylbenzylphthalate	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	65.9 %	28-89	
			BS	ug/L	20.00	88.4 %	28-89	
			BSD	ug/L	20.00	72.6 %	28-89	
			BSRPD	ug/L	20.00	19.6%	≤1	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	118 %	80-120	
Chloronaphthalene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	59.8 %	29-100	
			BS	ug/L	20.00	88.7 %	29-100	
			BSD	ug/L	20.00	76.6 %	29-100	
			BSRPD	ug/L	20.00	14.6%	≤41	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chloronaphthalene	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Chlorophenylphenylether	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.8 %	35-96	
			BS	ug/L	20.00	91.2 %	35-96	
			BSD	ug/L	20.00	81.3 %	35-96	
			BSRPD	ug/L	20.00	11.4%	≤29	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Chrysene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	67.2 %	37-99	
			BS	ug/L	20.00	91.4 %	37-99	
			BSD	ug/L	20.00	85.3 %	37-99	
			BSRPD	ug/L	20.00	6.9%	≤16	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Dibenzo(a,h)anthracene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.3 %	36-105	
			BS	ug/L	20.00	123 %	36-105	436
			BSD	ug/L	20.00	109 %	36-105	436
			BSRPD	ug/L	20.00	12.6%	≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	148 %	80-120	360
Diethylphthalate	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	48.1 %	31-82	
			BS	ug/L	20.00	73.3 %	31-82	
			BSD	ug/L	20.00	49.9 %	31-82	
			BSRPD	ug/L	20.00	38.0%	≤19	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Dimethylphthalate	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	37.4 %	22-67	
			BS	ug/L	20.00	61.9 %	22-67	
			BSD	ug/L	20.00	39.4 %	22-67	
			BSRPD	ug/L	20.00	44.4%	≤5	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	105 %	80-120	
Di-n-butylphthalate	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	66.2 %	44-89	
			BS	ug/L	20.00	83.1 %	44-89	
			BSD	ug/L	20.00	71.6 %	44-89	
			BSRPD	ug/L	20.00	14.8%	≤1	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Di-n-octylphthalate	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	99.0 %	50-118	
			BS	ug/L	20.00	116 %	50-118	
			BSD	ug/L	20.00	112 %	50-118	
			BSRPD	ug/L	20.00	3.3%	≤20	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	137 %	80-120	360
Fluoranthene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	71.6 %	46-98	
			BS	ug/L	20.00	96.0 %	46-98	
			BSD	ug/L	20.00	88.9 %	46-98	
			BSRPD	ug/L	20.00	7.7%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	109 %	80-120	
Fluorene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	65.2 %	34-101	
			BS	ug/L	20.00	91.3 %	34-101	
			BSD	ug/L	20.00	82.8 %	34-101	
			BSRPD	ug/L	20.00	9.8%	≤31	

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Organic								
Fluorene	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Hexachlorobenzene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	65.6 %	32-91	
			BS	ug/L	20.00	88.6 %	32-91	
			BSD	ug/L	20.00	80.6 %	32-91	
			BSRPD	ug/L	20.00	9.4%	≤26	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	109 %	80-120	
Hexachlorobutadiene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	53.4 %	18-84	
			BS	ug/L	20.00	85.4 %	18-84	
			BSD	ug/L	20.00	66.7 %	18-84	
			BSRPD	ug/L	20.00	24.5%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Hexachlorocyclopentadiene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	12.2 %	2-60	
			BS	ug/L	20.00	16.4 %	2-60	
			BSD	ug/L	20.00	14.3 %	2-60	
			BSRPD	ug/L	20.00	0.41	≤1	
	625	10/08/15:214700SBL	CCV	mg/L	20.00	94.2 %	80-120	
Hexachloroethane	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	50.1 %	20-84	
			BS	ug/L	20.00	83.9 %	20-84	
			BSD	ug/L	20.00	63.8 %	20-84	
			BSRPD	ug/L	20.00	27.2%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	107 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.7 %	32-103	
			BS	ug/L	20.00	143 %	32-103	
			BSD	ug/L	20.00	126 %	32-103	
			BSRPD	ug/L	20.00	12.3%	≤25	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	170 %	80-120	360
Isophorone	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	69.8 %	29-91	
			BS	ug/L	20.00	97.5 %	29-91	
			BSD	ug/L	20.00	87.2 %	29-91	
			BSRPD	ug/L	20.00	11.1%	≤32	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	114 %	80-120	
Naphthalene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	59.5 %	29-98	
			BS	ug/L	20.00	86.3 %	29-98	
			BSD	ug/L	20.00	75.4 %	29-98	
			BSRPD	ug/L	20.00	13.5%	≤47	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Nitrobenzene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	61.7 %	43-83	
			BS	ug/L	20.00	90.6 %	43-83	
			BSD	ug/L	20.00	79.1 %	43-83	
			BSRPD	ug/L	20.00	13.5%	≤49	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Nitrobenzene-d5	625	09/30/15:211378CCG	Blank	ug/L	10.00	58.8 %	9-95	
			LCS	ug/L	10.00	52.8 %	9-95	
			BS	ug/L	10.00	76.8 %	9-95	
			BSD	ug/L	10.00	65.6 %	9-95	
			BSRPD	ug/L	20.00	15.8%	≤47	

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Organic								
Nitrobenzene-d5	625	10/06/15:214694VRG	CCV	mg/L	10.00	120 %	80-120	
N-Nitrosodimethylamine	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	410
			LCS	ug/L	20.00	59.3 %	12-110	
			BS	ug/L	20.00	93.2 %	12-110	
			BSD	ug/L	20.00	75.8 %	12-110	
			BSRPD	ug/L	20.00	20.7%	≤3	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	113 %	80-120	
N-Nitrosodi-N-propylamine	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	72.0 %	29-106	
			BS	ug/L	20.00	106 %	29-106	
			BSD	ug/L	20.00	90.7 %	29-106	
			BSRPD	ug/L	20.00	15.7%	≤32	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	80-120	
N-Nitrosodiphenylamine	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	93.0 %	39-109	
			BS	ug/L	20.00	102 %	39-109	
			BSD	ug/L	20.00	95.6 %	39-109	
			BSRPD	ug/L	20.00	6.6%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
p-Chloro-m-cresol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	436
			LCS	ug/L	20.00	70.6 %	32-105	
			BS	ug/L	20.00	107 %	32-105	
			BSD	ug/L	20.00	92.5 %	32-105	
			BSRPD	ug/L	20.00	14.7%	≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	122 %	80-120	360
Pentachlorophenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<2	410
			LCS	ug/L	20.00	45.2 %	19-109	
			BS	ug/L	20.00	88.3 %	19-109	
			BSD	ug/L	20.00	65.1 %	19-109	
			BSRPD	ug/L	20.00	30.2%	≤28	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	99.5 %	80-120	
Phenanthrene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	66.2 %	41-101	
			BS	ug/L	20.00	89.1 %	41-101	
			BSD	ug/L	20.00	81.7 %	41-101	
			BSRPD	ug/L	20.00	8.7%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Phenol	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	68.0 %	23-104	
			BS	ug/L	20.00	95.5 %	23-104	
			BSD	ug/L	20.00	80.6 %	23-104	
			BSRPD	ug/L	20.00	16.9%	≤47	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
Phenol-d6	625	09/30/15:211378CCG	Blank	ug/L	20.00	57.0 %	7-77	
			LCS	ug/L	20.00	50.7 %	7-77	
			BS	ug/L	20.00	74.4 %	7-77	
			BSD	ug/L	20.00	61.7 %	7-77	
			BSRPD	ug/L	20.00	18.7%	≤50	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	118 %	80-120	
p-Terphenyl-d14	625	09/30/15:211378CCG	Blank	ug/L	10.00	81.2 %	37-100	
			LCS	ug/L	10.00	65.2 %	37-100	
			BS	ug/L	10.00	85.6 %	37-100	
			BSD	ug/L	10.00	78.8 %	37-100	
			BSRPD	ug/L	20.00	8.3%	≤18	

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Organic								
p-Terphenyl-d14	625	10/06/15:214694VRG	CCV	mg/L	10.00	127 %	80-120	362
Pyrene	625	09/30/15:211378CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	71.7 %	44-106	
			BS	ug/L	20.00	94.5 %	44-106	
			BSD	ug/L	20.00	87.7 %	44-106	
			BSRPD	ug/L	20.00	7.5%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
Pyridine	625	09/30/15:211378CCG	Blank	ug/L		ND	<10	436
			LCS	ug/L	20.00	22.9 %	0-52	
			BS	ug/L	20.00	63.9 %	0-52	
			BSD	ug/L	20.00	38.3 %	0-52	
			BSRPD	ug/L	20.00	5.1	≤10	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	125 %	80-120	360
2,4'-DDD	625P	10/02/15:214372SG	CCV	ug/L	100.0	95.0 %	70-130	
2,4'-DDE	625P	10/02/15:214372SG	CCV	ug/L	100.0	109 %	70-130	
2,4'-DDT	625P	10/02/15:214372SG	CCV	ug/L	100.0	115 %	70-130	
Aldrin	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	73.4 %	0-131	
			BS	ug/L	0.1000	82.3 %	4-108	
			BSD	ug/L	0.1000	90.7 %	4-108	
			BSRPD	ug/L	0.1000	9.7%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	103 %	70-130	
Alpha BHC	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	47.4 %	9-125	
			BS	ug/L	0.1000	60.3 %	17-100	
			BSD	ug/L	0.1000	59.5 %	17-100	
			BSRPD	ug/L	0.1000	1.3%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	80.2 %	70-130	
alpha-Chlordane	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.2 %	14-126	
			BS	ug/L	0.1000	78.3 %	0-135	
			BSD	ug/L	0.1000	78.2 %	0-135	
			BSRPD	ug/L	0.1000	0.05%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	94.6 %	70-130	
Beta BHC	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	67.8 %	13-125	
			BS	ug/L	0.1000	70.6 %	16-123	
			BSD	ug/L	0.1000	76.0 %	16-123	
			BSRPD	ug/L	0.1000	7.4%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	80.5 %	70-130	
cis_Nonachlor	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	70.9 %	10-138	
			BS	ug/L	0.1000	79.3 %	0-120	
			BSD	ug/L	0.1000	81.9 %	0-120	
			BSRPD	ug/L	0.1000	3.2%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	115 %	70-130	
Delta BHC	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	65.2 %	0-122	
			BS	ug/L	0.1000	75.0 %	0-112	
			BSD	ug/L	0.1000	79.0 %	0-112	
			BSRPD	ug/L	0.1000	5.1%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	90.0 %	70-130	
Dieldrin	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	81.2 %	19-120	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Dieldrin	625P	09/30/15:211379CCG	BS BSD BSRPD	ug/L ug/L ug/L	0.1000 0.1000 0.1000	89.3 % 87.9 % 1.6%	0-121 0-121 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	95.4 %	70-130	
Endosulfan I	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 71.3 % 81.0 % 80.7 % 0.3%	<0.005 18-129 0-154 0-154 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	83.5 %	70-130	
Endosulfan II	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 71.5 % 85.4 % 85.6 % 0.3%	<0.005 22-128 0-149 0-149 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	98.4 %	70-130	
Endosulfan Sulfate	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 79.3 % 83.3 % 86.4 % 3.6%	<0.005 32-106 4-140 4-140 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	75.3 %	70-130	
Endrin	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 107 % 93.2 % 94.8 % 1.7%	<0.005 0-130 7-101 7-101 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	114 %	70-130	
Endrin Aldehyde	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 109 % 116 % 115 % 0.1%	<0.005 16-135 0-148 0-148 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	120 %	70-130	
Endrin Ketone	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 75.5 % 88.7 % 81.7 % 8.2%	<0.005 25-121 21-111 21-111 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	83.8 %	70-130	
gamma-Chlordane	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 77.8 % 88.6 % 84.5 % 4.7%	<0.005 20-123 1-116 1-116 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	93.4 %	70-130	
Heptachlor	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 75.2 % 86.5 % 87.7 % 1.4%	<0.005 19-119 13-100 13-100 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	102 %	70-130	
Heptachlor Epoxide	625P	09/30/15:211379CCG	Blank LCS	ug/L ug/L	0.1000	ND 71.1 %	<0.005 18-131	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Heptachlor Epoxide	625P	09/30/15:211379CCG	BS BSD BSRPD	ug/L ug/L ug/L	0.1000 0.1000 0.1000	79.8 % 78.2 % 2.1%	0-127 0-127 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	86.2 %	70-130	
Lindane	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 100 % 120 % 104 % 14.7%	<0.005 22-181 0-234 0-234 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	87.5 %	70-130	
Methoxychlor	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 90.9 % 97.1 % 100 % 2.9%	<0.005 26-113 2-107 2-107 ≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	94.2 %	70-130	
o,p - DDD	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 78.0 % 90.1 % 78.5 % 13.8%	<0.005 15-136 12-118 12-118 ≤25	
	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 77.9 % 88.8 % 87.0 % 2.0%	<0.005 23-124 0-108 0-108 ≤25	
o,p - DDE	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 76.6 % 92.8 % 88.1 % 5.2%	<0.005 27-131 0-124 0-124 ≤25	
	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 85.4 % 95.8 % 91.9 % 4.1%	<0.005 23-126 2-107 2-107 ≤25	
p,p - DDD	625P	10/02/15:214372SG	CCV	ug/L	100.0	94.4 %	70-130	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	102 %	70-130	
p,p - DDE	625P	10/02/15:214372SG	CCV	ug/L	100.0	83.0 %	70-130	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	83.0 %	70-130	
p,p - DDT	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 88.0 % 95.4 % 92.8 % 2.7%	<0.005 0-177 17-107 17-107 ≤25	
	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 83.2 % 89.4 % 93.7 % 4.7%	<0.005 32-108 0-128 0-128 ≤25	
p,p - DDE	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	59.9 % 49.0 % 52.7 % 59.8 % 12.6%	26-90 26-90 26-90 26-90 ≤25	
	625P	09/30/15:211379CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	59.9 % 49.0 % 52.7 % 59.8 % 12.6%	26-90 26-90 26-90 26-90 ≤25	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Tetrachloro-m-xylene	625P	10/02/15:214372SG	CCV	ug/L	100.0	111 %	70-130	
trans-Nonachlor	625P	09/30/15:211379CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	74.2 %	9-139	
			BS	ug/L	0.1000	86.5 %	0-120	
			BSD	ug/L	0.1000	87.9 %	0-120	
			BSRPD	ug/L	0.1000	1.6%	≤25	
	625P	10/02/15:214372SG	CCV	ug/L	100.0	118 %	70-130	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.								
Explanation 320 : LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery. 360 : CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. 362 : Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports. 410 : Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. 436 : Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.								

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Boron	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<0.10	
			LCS	mg/L	4.000	98.1 %	85-115	
			MS	mg/L	4.000	98.8 %	75-125	
			MSD	mg/L	4.000	105 %	75-125	
			MSRPD	mg/L	0.8000	5.2%	≤20.0	
Calcium	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	97.1 %	85-115	
			MS	mg/L	12.00	-356 %	<¼	
			MSD	mg/L	12.00	-7.5 %	<¼	
			MSRPD	mg/L	0.8000	9.4%	≤20.0	
Copper	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	99.0 %	85-115	
			MS	mg/L	0.8000	104 %	75-125	
			MSD	mg/L	0.8000	108 %	75-125	
			MSRPD	mg/L	0.8000	4.6%	≤20.0	
Iron	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<0.03	
			LCS	mg/L	4.000	100 %	85-115	
			MS	mg/L	4.000	96.6 %	75-125	
			MSD	mg/L	4.000	102 %	75-125	
			MSRPD	mg/L	0.8000	4.7%	≤20	
Magnesium	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	96.0 %	85-115	
			MS	mg/L	12.00	-44.4 %	<¼	
			MSD	mg/L	12.00	78.6 %	75-125	
			MSRPD	mg/L	0.8000	9.1%	≤20	
Manganese	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	99.0 %	85-115	
			MS	mg/L	0.8000	97.3 %	75-125	
			MSD	mg/L	0.8000	102 %	75-125	
			MSRPD	mg/L	0.8000	4.6%	≤20.0	
Potassium	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	97.6 %	85-115	
			MS	mg/L	12.00	101 %	75-125	
			MSD	mg/L	12.00	119 %	75-125	
			MSRPD	mg/L	0.8000	7.6%	≤20.0	
Sodium	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	92.9 %	85-115	
			MS	mg/L	12.00	-124 %	<¼	
			MSD	mg/L	12.00	79.7 %	75-125	
			MSRPD	mg/L	0.8000	9.6%	≤20.0	
Zinc	200.1	10/06/15:211600amb (SP 1510584-001)	Blank	mg/L		ND	<0.02	
			LCS	mg/L	0.8000	94.9 %	85-115	
			MS	mg/L	0.8000	88.9 %	75-125	
			MSD	mg/L	0.8000	91.3 %	75-125	
			MSRPD	mg/L	0.8000	2.5%	≤20	
Boron	200.7	10/06/15:214563AC	CCV	ppm	5.000	101 %	90-110	
			CCB	ppm		0.067	0.1	
			CCV	ppm	5.000	99.3 %	90-110	
			CCB	ppm		0.043	0.1	
Calcium	200.7	10/06/15:214563AC	CCV	ppm	25.00	98.1 %	90-110	
			CCB	ppm		-0.002	1	
			CCV	ppm	25.00	99.1 %	90-110	
			CCB	ppm		-0.003	1	
Copper	200.7	10/06/15:214563AC	CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		-0.0001	0.01	

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Metals								
Copper	200.7	10/06/15:214563AC	CCV CCB	ppm ppm	1.000	99.9 % -0.0002	90-110 0.01	
Iron	200.7	10/06/15:214563AC	CCV CCB CCV CCB	ppm ppm ppm ppm	5.000 5.000	98.5 % 0.0018 101 % 0.0026	90-110 0.03 90-110 0.03	
Magnesium	200.7	10/06/15:214563AC	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	98.5 % 0.0005 98.3 % -0.0009	90-110 1 90-110 1	
Manganese	200.7	10/06/15:214563AC	CCV CCB CCV CCB	ppm ppm ppm ppm	1.000 1.000	99.4 % -0.00005 100 % -0.00005	90-110 0.01 90-110 0.01	
Potassium	200.7	10/06/15:214563AC	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	101 % -0.11 101 % -0.10	90-110 1 90-110 1	
Sodium	200.7	10/06/15:214563AC	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	25.00 25.00 25.00	98.8 % -0.11 98.3 % -0.14 98.7 % -0.12	90-110 1 90-110 1 90-110 1	
Zinc	200.7	10/06/15:214563AC	CCV CCB CCV CCB	ppm ppm ppm ppm	1.000 1.000	96.2 % -0.0081 97.7 % -0.0080	90-110 0.02 90-110 0.02	
Aluminum	200.8	10/02/15:214415AC	CCV CCB CCV CCB	ppb ppb ppb ppb	120.0 120.0	97.8 % -1.0 100 % -1.0	90-110 10 90-110 10	
Antimony	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	99.6 % 0.24 103 % 0.31 102 % 0.16	90-110 1 90-110 1 90-110 1	
Arsenic	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	98.2 % 0.03 99.1 % 0.02 97.1 % 0.06	90-110 2 90-110 2 90-110 2	
Barium	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	95.5 % 0.002 98.6 % 0.005 97.5 % 0.05	90-110 1 90-110 1 90-110 1	
Beryllium	200.8	10/02/15:214415AC	CCV CCB CCV CCB	ppb ppb ppb ppb	120.0 120.0	96.3 % 0.002 98.5 % 0.01	90-110 0.2 90-110 0.2	

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Metals								
Beryllium	200.8	10/02/15:214415AC	CCV CCB	ppb ppb	120.0	94.3 % 0.049	90-110 0.2	
Cadmium	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	97.8 % 0.005 101 % 0.009 101 % 0.054	90-110 0.2 90-110 0.2 90-110 0.2	
Chromium	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	98.9 % -0.007 99.9 % -0.005 97.0 % 0.05	90-110 1 90-110 1 90-110 1	
Copper	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	99.6 % 0.01 100 % 0.245 96.5 % 0.338	90-110 0.5 90-110 0.5 90-110 0.5	
Lead	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	99.4 % 0.008 102 % 0.012 98.8 % 0.055	90-110 0.5 90-110 0.5 90-110 0.5	
Nickel	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	100 % -0.005 101 % 0.007 97.0 % 0.06	90-110 1 90-110 1 90-110 1	
Selenium	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	95.8 % 0.11 97.0 % 0.05 95.1 % 0.07	90-110 1 90-110 1 90-110 1	
Silver	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	98.4 % -0.03 101 % -0.02 97.9 % -0.02	90-110 1 90-110 1 90-110 1	
Thallium	200.8	10/02/15:214415AC	CCV CCB CCV CCB CCV CCB	ppb ppb ppb ppb ppb ppb	120.0 120.0 120.0	97.8 % 0.012 101 % 0.017 97.7 % 0.050	90-110 0.2 90-110 0.2 90-110 0.2	
Mercury	245.1	10/05/15:211581ac (CC 1583311-001)	Blank LCS MS MSD	ug/L ug/L ug/L ug/L	 0.2000 0.2000 0.2000	ND 94.8 % 92.3 % 95.8 %	<0.02 85-115 75-125 75-125	

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Metals								
Mercury	245.1	10/05/15:211581ac	MSRPD	ug/L	0.2000	3.6%	≤20	
	245.1	10/05/15:214526AC	CCV	ppt	200.0	96.0 %	90-110	
			CCB	ppt		0.5	20	
			CCV	ppt	200.0	96.8 %	90-110	
			CCB	ppt		0.3	20	
Aluminum	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<10	435
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	68.5 %	75-125	
			MSD	ug/L	40.00	90.2 %	75-125	
			MSRPD	ug/L	40.00	8.1%	≤20.0	
Antimony	3010	10/02/15:211481amb (CC 1583288-001)	PDS	ug/L	40.00	91.0 %	75-125	
			Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	115 %	75-125	
			MSD	ug/L	40.00	118 %	75-125	
Arsenic	3010	10/02/15:211481amb (CC 1583288-001)	MSRPD	ug/L	40.00	2.6%	≤20.0	
			PDS	ug/L	40.00	122 %	75-125	
			Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	110 %	85-115	
			MS	ug/L	40.00	96.5 %	75-125	
Barium	3010	10/02/15:211481amb (CC 1583288-001)	MSD	ug/L	40.00	102 %	75-125	435
			MSRPD	ug/L	40.00	5.5%	≤20	
			PDS	ug/L	40.00	103 %	75-125	
			Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	102 %	85-115	
Beryllium	3010	10/02/15:211481amb (CC 1583288-001)	MS	ug/L	40.00	67.8 %	75-125	
			MSD	ug/L	40.00	81.1 %	75-125	
			MSRPD	ug/L	40.00	4.3%	≤20.0	
			PDS	ug/L	40.00	95.5 %	75-125	
			Blank	ug/L		ND	<0.2	
Cadmium	3010	10/02/15:211481amb (CC 1583288-001)	LCS	ug/L	40.00	110 %	85-115	
			MS	ug/L	40.00	87.1 %	75-125	
			MSD	ug/L	40.00	93.6 %	75-125	
			MSRPD	ug/L	40.00	7.1%	≤20.0	
			PDS	ug/L	40.00	92.0 %	75-125	
Chromium	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<1	430
			LCS	ug/L	40.00	111 %	85-115	
			MS	ug/L	40.00	-290 %	<¼	
			MSD	ug/L	40.00	-139 %	<¼	
			MSRPD	ug/L	40.00	6.4%	≤20	
Copper	3010	10/02/15:211481amb (CC 1583288-001)	PDS	ug/L	40.00	-47.5 %	75-125	
			Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	112 %	85-115	
			MS	ug/L	40.00	105 %	75-125	
			MSD	ug/L	40.00	84.5 %	75-125	
Lead	3010	10/02/15:211481amb	MSRPD	ug/L	40.00	9.2%	≤20.0	
			PDS	ug/L	40.00	86.4 %	75-125	
	3010	10/02/15:211481amb	Blank	ug/L		ND	<0.2	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Lead	3010	10/02/15:211481amb (CC 1583288-001)	LCS MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00 40.00	106 % 115 % 122 % 5.4% 124 %	85-115 75-125 75-125 ≤20.0 75-125	
Nickel	3010	10/02/15:211481amb (CC 1583288-001)	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 113 % 76.8 % 91.9 % 7.7% 91.3 %	<1 85-115 75-125 75-125 ≤20 75-125	
Selenium	3010	10/02/15:211481amb (CC 1583288-001)	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 115 % 83.1 % 90.1 % 7.4% 90.4 %	<2 80-120 75-125 75-125 ≤20 75-125	
Silver	3010	10/02/15:211481amb (CC 1583288-001)	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 102 % 96.5 % 101 % 4.5% 102 %	<1 85-115 75-125 75-125 ≤20.0 75-125	
Thallium	3010	10/02/15:211481amb (CC 1583288-001)	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 102 % 116 % 121 % 4.4% 124 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Wet Chem								
Oil and Grease	1664	10/06/15:211623AMM	Blank LCS BS BSD BSRPD	mg/L mg/L mg/L mg/L mg/L	44.89 44.89 44.89 44.89 44.89	ND 101 % 97.4 % 100 % 3.0%	<3 78-114 78-114 78-114 ≤18	
Color	2120B	(VI 1543729-001)	Dup	units		0.0	5	
	2120B	09/29/15:214382jmg	CCB CCV	units units		0.00 10.00	5.0 90-110	
Turbidity	2130B	(VI 1543729-001)	Dup	NTU		4.0%	20	
	2130B	(CC 1583348-001)	Dup	NTU		2.5%	20	
	2130B	09/30/15:214235AMM	CCV CCB CCV CCB	NTU NTU NTU NTU	10.00 10.00 10.00 10.00	101 % 0.080 100 % 0.086	90-110 0.2 90-110 0.2	
	2130B	09/30/15:214319jba	CCV CCB CCV CCB	NTU NTU NTU NTU	10.00 10.00 10.00 10.00	96.9 % 0.170 96.6 % 0.163	90-110 0.2 90-110 0.2	
Odor	2150B	(SP 1510788-005)	Dup	TON		0.0	1	
Chromium VI	218.6	10/08/15:211814MCA (SP 1511040-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	2.000 2.000 2.000 2.000 2.000	ND 99.2 % 99.3 % 100 % 0.018	<0.5 90-110 75-125 75-125 ≤0.5	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Chromium VI	218.6	(SP 1511120-001)	MS	ug/L	2.000	100 %	75-125	
			MSD	ug/L	2.000	100 %	75-125	
			MSRPD	ug/L	2.000	0.00050	<0.5	
	218.6	10/08/15:214766MCA	ICB	ppb		0.000	0.5	
Alkalinity (as CaCO3)	2320B	(SP 1510839-002)	ICV	ppb	5.000	99.9 %	95-105	
			CCB	ppb		0.000	0.5	
			CCV	ppb	5.000	102 %	95-105	
			Dup	mg/L		8.5%	3.42	440
Bicarbonate	2320B	(SP 1510839-002)	CCV	mg/L	234.9	94.4 %	90-110	
			CCV	mg/L	234.9	94.6 %	90-110	
Carbonate	2320B	(SP 1510839-002)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(SP 1510839-002)	Dup	mg/L		0.0	10	
Conductivity	2510B	09/30/15:214239JMG	ICB	umhos/cm		0.07	1	
			CCV	umhos/cm	998.0	103 %	95-105	
			CCV	umhos/cm	998.0	103 %	95-105	
E. C.	2510B	09/30/15:211354jmg (SP 1510836-008)	Blank	umhos/cm		ND	<1	
			Dup	umhos/cm		0.5%	5	
Total Dissolved Solids (TFR)	2540CE	10/01/15:211440CTL (STK1550815-001)	Blank	mg/L		6.4	20	
			LCS	mg/L	999.3	98.8 %	90-110	
			Dup	mg/L		1.9%	5	
Solids, Suspended	2540D	10/01/15:211439jba (SP 1510939-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	50.05	83.9 %	38-138	
			LCS	mg/L	50.05	84.9 %	38-138	
			Dup	mg/L		4.1%	28.7	
Chloride	300.0	(STK1550785-001)	MS	mg/L	500.0	97.8 %	85-121	
			MSD	mg/L	500.0	96.9 %	85-121	
			MSRPD	mg/L	100.0	0.9%	≤19	
			Blank	mg/L		ND	<1	
		(SP 1510814-001)	LCS	mg/L	25.00	91.1 %	90-110	
			MS	mg/L	500.0	97.3 %	85-121	
			MSD	mg/L	500.0	97.6 %	85-121	
			MSRPD	mg/L	100.0	0.3%	≤19	
	300.0	(CC 1583348-001)	MS	mg/L	500.0	96.2 %	85-121	
			MSD	mg/L	500.0	97.1 %	85-121	
			MSRPD	mg/L	100.0	1.0%	≤19	
			Blank	mg/L		ND	<1	
		(CH 1578007-001)	LCS	mg/L	25.00	90.5 %	90-110	
			MS	mg/L	500.0	97.1 %	85-121	
			MSD	mg/L	500.0	95.5 %	85-121	
			MSRPD	mg/L	100.0	1.6%	≤19	
	300.0	09/30/15:214247KD	CCB	ppm		0.03	1	
			CCV	ppm	25.00	92.9 %	90-110	
			CCB	ppm		0.03	1	
			CCV	ppm	25.00	92.1 %	90-110	
	300.0	09/30/15:214297KD	CCB	ppm		0.03	1	
			CCV	ppm	25.00	91.6 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	91.5 %	90-110	
Fluoride	300.0	(STK1550785-001)	MS	mg/L	50.00	97.5 %	87-120	
			MSD	mg/L	50.00	97.7 %	87-120	
			MSRPD	mg/L	100.0	0.2%	≤16	
			Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	92.8 %	90-110	

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Wet Chem Fluoride	300.0	(SP 1510814-001)	MS	mg/L	50.00	97.1 %	87-120	
			MSD	mg/L	50.00	97.9 %	87-120	
			MSRPD	mg/L	100.0	0.8%	≤16	
	300.0	(CC 1583348-001)	MS	mg/L	50.00	97.9 %	87-120	
			MSD	mg/L	50.00	98.7 %	87-120	
			MSRPD	mg/L	100.0	0.8%	≤16	
			Blank	mg/L		ND	<0.1	
		(CH 1578007-001)	LCS	mg/L	2.500	94.1 %	90-110	
			MS	mg/L	50.00	98.0 %	87-120	
			MSD	mg/L	50.00	96.9 %	87-120	
			MSRPD	mg/L	100.0	1.1%	≤16	
	300.0	09/30/15:214247KD	CCB	ppm		0.016	0.1	
			CCV	ppm	2.500	95.4 %	90-110	
			CCB	ppm		0.019	0.1	
			CCV	ppm	2.500	96.9 %	90-110	
	300.0	09/30/15:214297KD	CCB	ppm		0.019	0.1	
			CCV	ppm	2.500	96.3 %	90-110	
			CCB	ppm		0.016	0.1	
			CCV	ppm	2.500	96.2 %	90-110	
Nitrate	300.0	(STK1550785-001)	MS	mg/L	400.0	97.2 %	85-119	
			MSD	mg/L	400.0	96.5 %	85-119	
			MSRPD	mg/L	100.0	0.7%	≤19	
			Blank	mg/L		ND	<0.5	
		(SP 1510814-001)	LCS	mg/L	20.00	91.0 %	90-110	
			MS	mg/L	400.0	97.3 %	85-119	
			MSD	mg/L	400.0	97.8 %	85-119	
			MSRPD	mg/L	100.0	0.5%	≤19	
	300.0	(CC 1583348-001)	MS	mg/L	400.0	95.9 %	85-119	
			MSD	mg/L	400.0	96.8 %	85-119	
			MSRPD	mg/L	100.0	1.0%	≤19	
			Blank	mg/L		ND	<0.5	
		(CH 1578007-001)	LCS	mg/L	20.00	90.7 %	90-110	
			MS	mg/L	400.0	97.0 %	85-119	
	300.0	09/30/15:214247KD	MSD	mg/L	400.0	95.5 %	85-119	
			MSRPD	mg/L	100.0	1.6%	≤19	
			CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	92.9 %	90-110	
	300.0	09/30/15:214297KD	CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	92.2 %	90-110	
			CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	91.7 %	90-110	
Nitrite	300.0	(STK1550785-001)	MS	mg/L	300.0	97.9 %	74-126	
			MSD	mg/L	300.0	97.3 %	74-126	
			MSRPD	mg/L	100.0	0.6%	≤20	
			Blank	mg/L		ND	<0.5	
		(SP 1510814-001)	LCS	mg/L	15.00	91.3 %	90-110	
			MS	mg/L	300.0	97.3 %	74-126	
			MSD	mg/L	300.0	98.0 %	74-126	
			MSRPD	mg/L	100.0	0.7%	≤20	
	300.0	(CC 1583348-001)	MS	mg/L	300.0	96.8 %	74-126	
			MSD	mg/L	300.0	97.2 %	74-126	
			MSRPD	mg/L	100.0	0.3%	≤20	

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Quality Control - Inorganic

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Wet Chem Nitrite	300.0	09/30/15:211413MCA (CH 1578007-001)	Blank	mg/L		ND	<0.5	
			LCS	mg/L	15.00	91.3 %	90-110	
			MS	mg/L	300.0	97.5 %	74-126	
			MSD	mg/L	300.0	96.2 %	74-126	
			MSRPD	mg/L	100.0	1.3%	≤20	
	300.0	09/30/15:214247KD	CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	93.2 %	90-110	
			CCB	ppm		0.000	0.5	
	300.0	09/30/15:214297KD	CCV	ppm	15.00	92.8 %	90-110	
			CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	92.4 %	90-110	
			CCB	ppm		0.000	0.5	
Sulfate	300.0	(STK1550785-001)	MS	mg/L	1000	98.0 %	82-124	
			MSD	mg/L	1000	97.1 %	82-124	
			MSRPD	mg/L	100.0	0.9%	≤23	
			Blank	mg/L		ND	<2.0	
		(SP 1510814-001)	LCS	mg/L	50.00	90.7 %	90-110	
			MS	mg/L	1000	97.2 %	82-124	
			MSD	mg/L	1000	97.8 %	82-124	
			MSRPD	mg/L	100.0	0.5%	≤23	
	300.0	(CC 1583348-001)	MS	mg/L	1000	96.8 %	82-124	
			MSD	mg/L	1000	97.5 %	82-124	
			MSRPD	mg/L	100.0	0.8%	≤23	
			Blank	mg/L		ND	<2.0	
		(CH 1578007-001)	LCS	mg/L	50.00	90.3 %	90-110	
			MS	mg/L	1000	97.2 %	82-124	
			MSD	mg/L	1000	95.2 %	82-124	
			MSRPD	mg/L	100.0	2.1%	≤23	
	300.0	09/30/15:214247KD	CCB	ppm		0.06	2	
			CCV	ppm	50.00	92.6 %	90-110	
			CCB	ppm		0.13	2	
			CCV	ppm	50.00	91.7 %	90-110	
	300.0	09/30/15:214297KD	CCB	ppm		0.08	2	
			CCV	ppm	50.00	90.6 %	90-110	
			CCB	ppm		0.03	2	
			CCV	ppm	50.00	90.9 %	90-110	
Perchlorate	314.0	10/08/15:211753SBL (VI 1543729-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	24.82	110 %	85-115	
			MS	ug/L	24.82	111 %	80-120	
			MSD	ug/L	24.82	104 %	80-120	
	314.0	10/08/15:214769SBL	MSRPD	ug/L	24.82	6.3%	≤15	
			ICB	ppb		0.00	1.0	
Nitrogen, Total Kjeldahl	351.2	10/03/15:211522jmg (CH 1578066-003)	ICV	ppb	1.986	111 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	9.930	114 %	85-115	
			Blank	mg/L		ND	<1	
	351.2	10/05/15:211542jmg	LCS	mg/L	12.00	94.1 %	73-124	
			MS	mg/L	12.00	75.9 %	54-136	
			MSD	mg/L	12.00	68.1 %	54-136	
			MSRPD	mg/L	12.00	9.6%	≤27	
	351.2	10/05/15:211542jmg	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.2 %	73-124	
			MS	mg/L	12.00	84.4 %	54-136	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	(CH 1578066-001)	MSD MSRPD	mg/L mg/L	12.00 12.00	80.2 % 5.2%	54-136 ≤27	
Chlorine	4500ClG	09/30/15:214621AMM	CCV CCB CCV CCB	mg/L mg/L mg/L mg/L	0.9972 0.9972	108 % -0.050 108 % -0.045	90-110 0.1 90-110 0.1	
Chlorine, Residual	4500ClG	(SP 1510839-002)	Dup	mg/L		0.0047	0.1	
Cyanide	4500CNCE	10/03/15:214408AMM	CCV CCB CCV CCB	mg/L mg/L mg/L mg/L	0.1000 0.1000	95.8 % -0.00252 95.8 % -0.00213	90-110 0.004 90-110 0.004	
Cyanide, Total	4500CNCE	10/02/15:211450AMM (SP 1510788-005)	Blank LCS LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L mg/L	 0.1000 0.4000 0.05000 0.05000 0.05000	ND 96.6 % 98.0 % 114 % 114 % 0.0%	<0.004 90-110 90-110 26-226 26-226 ≤36	
pH	4500-H B	(VI 1543853-001)	Dup	units		0.0%	4.80	
	4500HB	10/02/15:214376JMG	CCV CCV	units units	8.000 8.000	100 % 100 %	95-105 95-105	
Ammonia Nitrogen	4500NH3G	(CH 1577995-001)	MS MSD MSRPD	mg/L mg/L mg/L	2.000 2.000 2.000	94.8 % 90.6 % 4.4%	70-130 70-130 ≤20	
	4500NH3G	09/30/15:214231AMB	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	 2.000 2.000	-0.01 103 % -0.030 102 %	0.2 90-110 0.2 90-110	
	4500NH3G	(SP 1510892-002)	MS MSD MSRPD	mg/L mg/L mg/L	2.000 2.000 2.000	108 % 108 % 0.3%	70-130 70-130 ≤20	
	4500NH3G	10/05/15:214447AMB	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	 2.000 2.000	-0.089 104 % 0.004 101 %	0.2 90-110 0.2 90-110	
	4500NO2F	(SP 1510844-001)	MS MSD MSRPD	mg/L mg/L mg/L	1.270 1.270 1.270	59.1 % 68.0 % 14.1%	50-150 50-150 ≤30	
	4500NO3F	(SP 1510837-001)	MS MSD MSRPD	mg/L mg/L mg/L	11.27 11.27 11.27	91.8 % 96.4 % 4.6%	5-285 5-285 ≤30.4	
	4500NO3F	(SP 1510844-001)	MS MSD MSRPD	mg/L mg/L mg/L	11.27 11.27 11.27	94.0 % 100 % 4.9%	5-285 5-285 ≤30.4	
	4500NO3F	09/30/15:214271CJJ	CCB CCV CCB CCB CCV CCB CCV	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	 11.27 11.27 11.27	0.095 96.0 % 0.092 0.089 95.5 % 0.097 95.1 %	0.1 90-110 0.1 0.1 90-110 0.1 90-110	
Nitrite as Nitrogen	4500NO3F	09/30/15:214270CJJ	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	 1.270 1.270	0.005 96.9 % 0.005 98.3 %	0.2 90-110 0.2 90-110	

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Phosphorus	4500-P B	10/08/15:211769SJN (SP 1510839-002)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	96.7 %	90-116	
			MS	mg/L	0.2500	-6.9 %	25-292	435
			MSD	mg/L	0.2500	-6.9 %	25-292	435
	4500-P B	10/09/15:211809NMRP (SP 1510839-002)	MSRPD	mg/L	0.2500	0.0	≤0.1	
			Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	91.7 %	90-116	
			MS	mg/L	0.2500	-13.9 %	25-292	435
Total Phosphorus	4500PE	10/09/15:214718NMRP	MSD	mg/L	0.2500	-10.9 %	25-292	435
			MSRPD	mg/L	0.2500	0.0074	≤0.1	
			CCB	mg/L		0.013	0.1	
			CCV	mg/L	0.5000	95.2 %	90-110	
	4500PE	10/09/15:214783NMRP	CCB	mg/L		0.020	0.1	
			CCV	mg/L	0.5000	94.7 %	90-110	
			CCB	mg/L		-0.007	0.1	
			CCV	mg/L	0.5000	90.2 %	90-110	
BOD	5210B	09/29/15:211254NMRP (SP 1510839-002)	CCB	mg/L		-0.004	0.1	
			CCV	mg/L	0.5000	89.8 %	90-110	
			Dup	mg/L	198.0	0.28	2	
			LCS	mg/L	1.000	100 %	84.6-115	
5210B	10/04/15:214478MCA	CCV	mg/L	1.000	96.5 %	80-120		
		CCV	mg/L	1.000	96.7 %	80-120		
MBAS	5540C	09/29/15:214385jmg	CCB	mg/L		0.000	0.1	
			CCV	mg/L	10.00	100 %	99-101	
MBAS Screen	5540C	(SP 1510788-005)	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	10/05/15:214429AMB	CCB	mg/L		0.439	0.5	
			CCV	mg/L	5.000	103 %	90-110	
			CCB	mg/L		0.346	0.5	
			CCV	mg/L	5.000	108 %	90-110	
	EPA351.2	10/06/15:214528AMB	ICB	mg/L		-0.109	0.5	
			ICV	mg/L	5.000	96.8 %	90-110	
			CCB	mg/L		0.115	0.5	
			CCV	mg/L	5.000	98.7 %	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.							

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Quality Control - Inorganic

Definition	
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
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 forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
 Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio Alpha	900.0	10/06/15:214771caa	CCV CCB	cpm cpm	9235	44.5 % 0.100	40 - 49 0.19	
	900.0	10/12/15:214917caa	CCV CCB	cpm cpm	8833	40.9 % 0.0800	37 - 46 0.16	
Beta	900.0	10/06/15:214771caa	CCV CCB	cpm cpm	9235	96.9 % 0.4000	86 - 105 0.49	
Gross Alpha	900.0	10/05/15:211541caa (SP 1510813-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	180.6 180.6 180.6 180.6	0.55 91.9 % 148 % 127 % 14.3%	3 75-125 60-140 60-140 ≤30	435
Gross Beta	900.0	10/05/15:211541caa (SP 1510813-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	73.87 73.87 73.87 73.87 180.6	0.85 124 % 86.7 % 81.2 % 6.3%	4 75-125 80-130 80-130 ≤30	
Alpha	903.0	10/10/15:214837caa	CCV CCB	cpm cpm	8834	41.0 % 0.100	37 - 46 0.19	
Total Alpha Radium (226)	903.0	10/05/15:211591emv	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	21.59 21.59 21.59 21.59 21.59	0.01 83.7 % 82.8 % 78.4 % 5.4%	2 52-107 43-111 43-111 ≤35.5	
Beta	905.0	10/12/15:214826caa	CCV CCB	cpm cpm	9231	95.4 % 0.3000	86 - 105 0.55	
Total Strontium	905.0	10/05/15:211592emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	41.55 41.54 41.54 41.54 41.54	0.61 69.1 % 108 % 104 % 4.0%	2 53-133 75-125 75-125 ≤20	
Tritium	906.0	10/06/15:211597caa	Blank LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	1647 1647 1647 1647 1647	0 95.9 % 107 % 107 % 0.0%	<300 75-125 75-125 75-125 ≤25	
	906.0	10/06/15:214748caa	CCV CCB	pCi/L pCi/L	31720	105 % 154	90-110 500	
Alpha	908.0	10/09/15:214827caa	CCV CCB	cpm cpm	8835	44.4 % 0.1200	41 - 50 0.12	
Uranium	908.0	10/07/15:211659caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	20.97 20.97 20.97 20.97 20.97	0.24 73.0 % 86.1 % 85.7 % 0.4%	1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	10/05/15:214519emv	CCV CCB	cpm cpm	9235	95.6 % 0.3600	86 - 105 0.55	
	Ra - 05	10/05/15:214520caa	CCV CCB	cpm cpm	9235	96.7 % 0.3800	86 - 105 0.49	
Ra 228	Ra - 05	10/04/15:211524emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	87.61 87.61 87.61 87.61 87.61	0.19 50.4 % 97.2 % 101 % 3.8%	3 27-59 75-125 75-125 ≤25	

October 14, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510839
Customer : 2-25173

Quality Control - Radio

Definition	
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 20, 2015

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 1510839

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: 2015-10-20

Enclosure

Corporate Offices & Laboratory

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



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 1510839- (2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5J0021

Received on Ice (Y/N): Yes Temp: 1 °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>
B5J0021-01	SP 1510839 - (2-25173) 2 MCWP-MWO4S Grab	Water	09/29/15 08:00	Robert	10/01/15 09:35	Ontrac
B5J0021-02	SP 1510839 - (2-25173) 9 LAMW-5S Grab	Water	09/29/15 09:45	Robert	10/01/15 09:35	Ontrac



BABCOCK Laboratories, Inc.
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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 1510839- (2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5J0021

Received on Ice (Y/N): Yes Temp: 1 °C

Laboratory Reference Number

B5J0021-01

Sample Description

Matrix

Sampled Date/Time

Received Date/Time

SP 1510839 - (2-25173) 2 MCWP-MWO4S

Water

09/29/15 08:00

10/01/15 9:35

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Semivolatile Organic Compounds by EPA 525.2							N_mes, NIS
Benzo(a)pyrene	ND	0.10	ug/L	EPA 525.2	10/05/15 05:14	JHR	
DEH-Adipate	ND	5.0	ug/L	EPA 525.2	10/05/15 05:14	JHR	
DEH-Phthalate	ND	3.0	ug/L	EPA 525.2	10/05/15 05:14	JHR	
Surrogate: 4-Terphenyl-d14	103	% 70-130		EPA 525.2	10/05/15 05:14	JHR	
Surrogate: Triphenyl phosphate	88.9	% 50-150		EPA 525.2	10/05/15 05:14	JHR	



BABCOCK Laboratories, Inc.
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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 1510839- (2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5J0021

Received on Ice (Y/N): Yes Temp: 1 °C

Laboratory Reference Number

B5J0021-02

Sample Description

Matrix

Sampled Date/Time

Received Date/Time

SP 1510839 - (2-25173) 9 LAMW-5S

Water

09/29/15 09:45

10/01/15 9:35

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Semivolatile Organic Compounds by EPA 525.2							
Benzo(a)pyrene	ND	0.10	ug/L	EPA 525.2	10/05/15 18:49	JHR	
DEH-Adipate	ND	5.0	ug/L	EPA 525.2	10/05/15 18:49	JHR	
DEH-Phthalate	ND	3.0	ug/L	EPA 525.2	10/05/15 18:49	JHR	
Surrogate: 4-Terphenyl-d14	103	% 70-130		EPA 525.2	10/05/15 18:49	JHR	
Surrogate: Triphenyl phosphate	102	% 50-150		EPA 525.2	10/05/15 18:49	JHR	

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 1510839- (2-25173)

Report Date: 16-Oct-2015

Work Order Number: **B5J0021**

Received on Ice (Y/N): Yes Temp: 1 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5J01023 - EPA 525 Disk Extract										
Blank (5J01023-BLK1)										
				Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	ND	0.10	ug/L							
DEH-Adipate	ND	5.0	ug/L							
DEH-Phthalate	ND	3.0	ug/L							
Surrogate: 4-Terphenyl-d14	5.5		ug/L	5.13		107	70-130			
Surrogate: Triphenyl phosphate	5.3		ug/L	5.13		104	50-150			
LCS (5J01023-BS1)										
				Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	4.34	0.10	ug/L	5.13		84.6	70-136			
DEH-Adipate	5.93	5.0	ug/L	5.13		116	70-159			
DEH-Phthalate	6.03	3.0	ug/L	5.13		118	70-137			
Surrogate: 4-Terphenyl-d14	5.5		ug/L	5.13		107	70-130			
Surrogate: Triphenyl phosphate	5.3		ug/L	5.13		104	50-150			
LCS Dup (5J01023-BSD1)										
				Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	4.51	0.10	ug/L	5.13		88.0	70-136	3.94	40	
DEH-Adipate	5.95	5.0	ug/L	5.13		116	70-159	0.345	40	
DEH-Phthalate	6.14	3.0	ug/L	5.13		120	70-137	1.94	40	
Surrogate: 4-Terphenyl-d14	5.4		ug/L	5.13		105	70-130			
Surrogate: Triphenyl phosphate	5.4		ug/L	5.13		105	50-150			
Matrix Spike (5J01023-MS1)										
		Source: B5I2677-01			Prepared: 10/01/15 Analyzed: 10/04/15					
Benzo(a)pyrene	3.53	0.10	ug/L	5.13	ND	68.8	61-138			
DEH-Adipate	6.05	5.0	ug/L	5.13	ND	118	70-159			
DEH-Phthalate	5.99	3.0	ug/L	5.13	ND	117	70-142			
Surrogate: 4-Terphenyl-d14	5.5		ug/L	5.13		108	70-130			
Surrogate: Triphenyl phosphate	5.4		ug/L	5.13		106	50-150			
Matrix Spike Dup (5J01023-MSD1)										
		Source: B5I2677-01			Prepared: 10/01/15 Analyzed: 10/04/15					
Benzo(a)pyrene	3.92	0.10	ug/L	5.26	ND	74.4	61-138	10.4	40	
DEH-Adipate	6.55	5.0	ug/L	5.26	ND	124	70-159	7.88	40	
DEH-Phthalate	6.81	3.0	ug/L	5.26	ND	129	70-142	12.7	40	
Surrogate: 4-Terphenyl-d14	5.5		ug/L	5.26		104	70-130			
Surrogate: Triphenyl phosphate	5.6		ug/L	5.26		107	50-150			

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 1510839- (2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5J0021

Received on Ice (Y/N): Yes Temp: 1 °C

Notes and Definitions

N_es Insufficient sample for reanalysis.
NIS The internal standard recovery for this sample did not meet laboratory acceptance criteria.
ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)
NR: Not Reported
RDL: Reportable Detection Limit
MDL: Method Detection Limit
* / " : NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.



Analytical Report: Page 1 of 1
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510839- (2-25173)

Work Order Number: B5J0021

Received on Ice (Y/N): Yes Temp: 1 °C

Subcontract to
Babcock Laboratories, Inc.

[illegible]

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Riverside, CA 92507-0704

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www.babcocklabs.com

CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119

4052:09/07/2015				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 GWM 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,Be,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) Robert Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____:____ Lab Number: SP 151008991(157) 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	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,Be,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	9/29/15	0800	G	LBW															1	2	4																									
1	SMBRP-9	9/29/15	0800	G	MW															1	2	4	1	2											1,1	1	1,1,1,1,1	1									
2	MCWP-MW04S	9/29/15	0800	G	MW															1	2	4	1	2			7.64	9/29	0900					1,1	1	1,1,1,1,1	1										
3	MCWP-MW07S			G	MW															1	2	4	1	2										1,1	1	1,1,1,1,1	1										
4	SMBRP-12			G	MW															1	2	4	1	2										1,1	1	1,1,1,1,1	1										
5	MCWP-04D			G	MW															1	2	4	1	2										1,1	1	1,1,1,1,1	1										
6	MCWP-07D			G	MW															1	2	4	1	2										1,1	1	1,1,1,1,1	1										
7	MCWP-MW09			G	MW															1	2	4	1	2										1,1	1	1,1,1,1,1	1										
8	TY-MW-1			G	MW															1	2	4	1	2										1,1	1	1,1,1,1,1	1										
9	LAMW-5S	9/29/15	0945	G	MW															1	2	4	1	2			7.15	9/29	0945					1,1	1	1,1,1,1,1	1										
Remarks: Multiple Chains				Relinquished				Date: 9/29/15				Time: 1400				Relinquished				Date: 9/29/15				Time: 1520				Relinquished				Date:				Time:											
				Received By: [Signature]				Date: 9/29/15				Time: 1400				Received By: [Signature]				Date: 9/29/15				Time: 1520				Received By:				Date:				Time:											

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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: Malibu WWTP - BL GWM																													
Purchase Order Number:																													
Quote Number: SP 20150526-01																													
Sampler(s)																													
Sampling Fee: _____ Pickup Fee: _____																													
Compositor Setup Date: ____/____/____ Time: ____/____/____																													
Lab Number: SP 1510830(287) 2-25173																													
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	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,Be,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)								
10	SMBRP-13			G MW									1																
11	MCWP-MW10	9/29/15	1210	G MW									1																
12	CCPE			G MW									1																
13	MBCMW-9			G MW									1																
14	WF-MW-2			G MW									1																
15	MCWP-MW05			G MW																									
16	MCWP-MW06			G MW																									
Remarks: Multiple Chains						Relinquished Date: 9/29/15 Time: 1400						Received By: [Signature] Date: 9/29/15 Time: 1400						Relinquished Date: 9/29/15 Time: 1500						Received By: [Signature] Date: 9/29/15 Time: 1500					

Corporate Offices & Laboratory

**853 Corporation Street
Santa Paula, CA 93060
Phone: (805) 392-2000
Env Fax: (805) 525-4172 / Aq Fax: (805) 392-2063**

Office & Laboratory

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Fax: (209) 942-0423**

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Fax: (805) 783-2912**

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Phone: (559) 734-9473
Fax: (559) 734-8435

4052:09/07/2015				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 GWM 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)				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																																					
Sampler(s) Robert				Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____				Lab Number: SP 1510239(357) 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)	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				
0	Travel Blank	9/29	0000	G	LBW																																								
1	SMBRP-9			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	MCWP-MW04S			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	MCWP-MW07S	9/29	600	G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	SMBRP-12			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	MCWP-04D			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	MCWP-07D			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7	MCWP-MW09			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	TY-MW-1			G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	LAMW-5S	9/29	945	G	MW									1,1,1	1	2		1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Remarks: Multiple Chains				Relinquished Date: 9/29/15 Time: 1400 Received By: [Signature] Date: 9/29/15 Time: 1400				Relinquished Date: 9/29/15 Time: 1520 Received By: [Signature] Date: 9/29/15 Time: 1520				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____																									

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4052:09/07/2015				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 GWM 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) 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(AGT) EPA 552.2 250ml(AGT)-NH4Cl																																										
Sampler(s) Robert Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: _____ Time: _____ Lab Number: SP 1510839(487) 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) Special(SPL)	Wet Chemistry	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(AGT)	EPA 552.2	250ml(AGT)-NH4Cl						
10	SMBRP-13			G	MW																																									
11	MCWP-MW10	9/29	1220	G	MW																																									
12	CCPE			G	MW																																									
13	MBCM-W-9			G	MW																																									
14	WF-MW-2			G	MW																																									
15	MCWP-MW05			G	MW																																									
16	MCWP-MW06			G	MW																																									
Remarks: Multiple Chains				Relinquished Date: 9/29/15 Time: 1400 Received By: [Signature] Date: 9/29/15 Time: 1400 Relinquished Date: 9/29/15 Time: 1520 Received By: [Signature] Date: 9/29/15 Time: 1520																																										

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4052:09/07/2015				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 GWM 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)																
Sampler(s): Robert Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____/____ Lab Number: SP 15102391587 2-25173				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-NO3-N, TDS 16oz(P)																
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)	Special(SPL)	EPA 624	EPA 625	EPA 625 Pest	Radio Chemistry	EPA 608	Sampling Directive	Wet Chemistry	Wet Chemistry
0	Travel Blank	9/29	0000	G	LBW															
1	SMBRP-9			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
2	MCWP-MW04S			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
3	MCWP-MW07S	9/29	0000	G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
4	SMBRP-12			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
5	MCWP-04D			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
6	MCWP-07D			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
7	MCWP-MW09			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
8	TY-MW-1			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
9	LAMW-SS	9/29	915	G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
Remarks: Multiple Chains				Relinquished Date: 9/29/15 Time: 1400 Received By: [Signature] Date: 9/29/15 Time: 1400 Relinquished Date: 9/29/15 Time: 1520 Received By: [Signature] Date: 9/29/15 Time: 1520																

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			4057:09/01/2015			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 GWM - CECs 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 Contracted-PPCP-EPA 1694M Hormones: 17-b-Estradiol Pharma Positive: Caffeine, DEET, Sucralose Pharma Negative: Triclosan Order containers from Week 2x 1L Amber w/ Sodium Azide **Please include MDL Reporting** Other(AGT)																					
Sampler(s): Robert Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____/____ Lab Number: SP 1510839 (787) 2-25173			Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 500ml(AGT)																								
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)	Special(SPL)	Sub Contracted-PPCP-EPA 1694M	Hormones: 17-b-Estradiol	Pharma Positive: Caffeine, DEET, Sucralose	Pharma Negative: Triclosan	Order containers from Week	2x 1L Amber w/ Sodium Azide	**Please include MDL Reporting**	Other(AGT)	Sub Contracted-EPA 1625M NDMA	**Please include MDL Reporting**	500ml(AGT)				
1	SMBRP-9			G	MW								2					2									
2	MCWP-MW04S	9/29	0800	G	MW								2					2									
3	MCWP-MW07S			G	MW								2					2									
4	SMBRP-12			G	MW								2					2									
5	MCWP-04D			G	MW								2					2									
6	MCWP-07D			G	MW								2					2									
7	MCWP-MW09			G	MW								2					2									
8	TY-MW-1			G	MW								2					2									
9	LAMW-5S	9/29	0945	G	MW								2					2									
Remarks:				Relinquished				Date:				Time:				Relinquished				Date:				Time:			
				Received By:				Date:				Time:				Received By:				Date:				Time:			

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Subcontract to EMS Laboratories, Inc.

														Map Ref.							
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: SP 1510839 - (2-25173) 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) Robert Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
2	MCWP-MW04S	09/29/15	08:00	G	MW																
9	LAMW-5S	09/29/15	09:45	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 Vista Analytical Laboratory

				Map Ref.																	
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: SP 1510839 - (2-25173) 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)																	
Sampler(s) Robert Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
2	MCWP-MW04S	09/29/15	08:00	G	MW																
9	LAMW-5S	09/29/15	09:45	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 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: SP 1510839 - (2-25173) 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) Robert Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
2	MCWP-MW04S	09/29/15	08:00	G	MW					1											
9	LAMW-5S	09/29/15	09:45	G	MW					1											
Remarks:				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: 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: SP 1510839 - (2-25173) 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 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** Other(AGT)	Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 500mL(AGT)								
Sampler(s) Robert Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
2	MCWP-MW04S	09/29/15	08:00	G	MW					1	2	2									
9	LAMW-5S	09/29/15	09:45	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: 1
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
Temps: ROI / 6 / _____ / _____ / _____ / _____ / _____
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: 09/29/2015-16:53:11

Discrepancy Documentation:

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

1. Person Contacted: Torin Snyder Phone Number: _____
Initiated By: Nicole Parson Date: _____
Problem: **Limited water received in second Dioxin container for -2. No water received in second Dioxin container for -9.**

Resolution: **Client is aware, FGL will keep any extra sample not used refrigerated in the case that Vista Analytical will need more sample for Dioxin.**

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

Resolution: _____

(2025173)
Rincon Consultants, Inc.
SP 1510839
NMP-09/29/2015-16:53:11

October 28, 2015

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 1510839

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: 2015-10-28

Enclosure

**Subcontract to
EMS Laboratories, Inc.**

1127486

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: SP 1510839 - (2-25173) Purchase Order Number:				Map Ref																
Sampler(s) Robert				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)																
Compositor Setup Date: ___/___/___ Time: ___/___																				
Lab Number:																				
Samp Num	Location Description	Date Sampled	Time Sampled																	
2	MCWP-MW04S	09/29/15	08:00	G	MW															
9	LAMW-5S	09/29/15	09:45	G	MW															
Remarks:				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:										

DATE: October 27, 2015

CUSTOMER: FGL Environmental
853 Corporation Street
Santa Paula, CA 93060-3005

ATTENTION: Cindy Aguirre

REPORT NO: 167486

REFERENCE: Project Name: SP 1510839 - (2-25173)

SAMPLER: Robert

RECEIVED: September 30, 2015 at 1120

DATE ANALYZED: October 23, 2015

SUBJECT: ANALYSIS OF WATER SAMPLES FOR ASBESTOS BY TEM

ACCREDITATION: CDPH - ELAP 1119

The date and times of collection, UV-Ozone treatment and filtration are as follows:

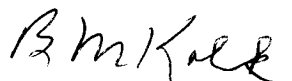
<u>SAMPLE NO:</u>	<u>DATE/TIME COLLECTED</u>	<u>DATE/TIME FILTERED</u>
2 MCWP-MW04S	September 29, 2015 at 0800	September 30, 2015 at 1215
9LAMW-5S	September 29, 2015 at 0945	September 30, 2015 at 1225

In the drinking water document, EPA 600 R 94 134, 100.2, samples are analyzed for fibers >10 um in length. The regulation calls for an MCL (maximum contaminant level) of 7 MFL (million of fibers per liter) and an analytical sensitivity of 0.2 MFL.

The samples were very turbid; The turbidity for sample 2 was 20 NTU, and the for sample 9 was 48 NTU.
The analytical sensitivity of 0.2 MFL was not reached.

The results of the analysis and the detection limit(s) are summarized on the following page(s), accompanied by the chain of custody.

Respectfully submitted,
EMS Laboratories, Inc.



B.M. Kolk
Laboratory Director
BMK/am

Note: The report shall not be reproduced, except in full without the written approval of EMS Laboratories, Inc.

Note: The results of the analysis are based upon the sample submitted to the laboratory. No representation is made regarding the sampling area other than that implied by the analytical results for the immediate vicinity of the samples analyzed as calculated from the data presented with those samples. All the analytical quality control data meet the requirement of the procedure unless otherwise indicated. Any deviation or exclusion from the test method is noted in this cover letter. Unless otherwise noted in this cover letter the samples were received properly packaged, clearly identified and intact.

ANALYSIS OF WATER FOR ASBESTOS BY TEM (EPA-600 R 94 134) EPA 100.2

LAB.NO. 167486
 CLIENT: Fruit Growers Laboratories, Inc.
 DATE ANALYZED: 10/23/2015

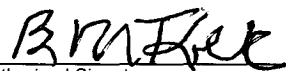
Laboratory I.D.	Client I.D.	FILTER MEDIA DATA			No. of G.O.	Analyzed Area, mm ²	Sample Volume (mL)
		Type	Diameter mm	Effective Area mm ²			
167486-01	2 MCWP-MW04S	PC	47	1017	10	0.110	1
167600-02	9 LAMW-FS	PC	47	1017	10	0.110	0.3

* FOR FIBERS > 10µm ONLY

INDIVIDUAL ANALYTICAL RESULTS

Laboratory I.D.	Client I.D.	No of Asbestos Fibers	Detection Limit (MF/L)	Concentration MFL Fibers >10 µm
167486-01	2 MCWP-MW04S	ND	9.2	< 9.2
167600-02	9 LAMW-FS	ND	30.8	< 30.8

The analysis was carried out to the approved TEM method. This laboratory is in compliance with the quality specified by the method.


 Authorized Signature

NA Not Applicable
 ND None Detected
 PC Polycarbonate
 GO Grid Openings
 MFL Million Fibers per Liter

October 6, 2015

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

SP 1510788:5 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 1510788-005	MCWP-04D	Source-Other	Robert	Not Available	09/28/2015 09:36	09/28/2015 15:44 LM	10/01/2015 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	MCWP-04D	---	---	SM 9221B	MPN/100ml	17	< 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: 2015-10-06

Corporate Offices & Laboratory

853 Corporation Street
 Santa Paula, CA 93060
 TEL: (805)392-2000
 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
 CA ELAP Certification No. 1573

Office & Laboratory

2500 Stagecoach Road
 Stockton, CA 95215
 TEL: (209)942-0182
 FAX: (209)942-0423
 CA ELAP Certification No. 1563

Office & Laboratory

563 E. Lindo Avenue
 Chico, CA 95926
 TEL: (530)343-5818
 FAX: (530)343-3807
 CA ELAP Certification No. 2670

Office & Laboratory

3442 Empresa Drive, Suite D
 San Luis Obispo, CA 93201
 TEL: (805)783-2940
 FAX: (805)783-2912
 CA ELAP Certification No. 2775

Office & Laboratory

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

October 6, 2015

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 1510788

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: 2015-10-06

Enclosure

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
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CA ELAP Certification No. 2670

Office & Laboratory

3442 Empresa Drive, Suite D
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FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory

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



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 4
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510788- (2-25173)

Report Date: 06-Oct-2015

Work Order Number: B5I3078

Received on Ice (Y/N): Yes Temp: 2 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<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>
B5I3078-01	SP 1510788 - (2-25173) 5 MCWP-04D Grab	Water	09/28/15 09:36	Robert	09/30/15 09:55	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 4
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510788- (2-25173)

Report Date: 06-Oct-2015

Work Order Number: B5I3078

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

B5I3078-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1510788 - (2-25173) 5 MCWP-04D	Water	09/28/15 09:36	09/30/15 9:55

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	10/05/15 04:21	JHR	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	10/05/15 04:21	JHR	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	10/05/15 04:21	JHR	
Surrogate: 4-Terphenyl-d14	99.7	%	70-130		EPA 525.2	10/05/15 04:21	JHR	
Surrogate: Triphenyl phosphate	61.4	%	50-150		EPA 525.2	10/05/15 04:21	JHR	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 3 of 4
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510788- (2-25173)

Report Date: 06-Oct-2015

Work Order Number: B5I3078

Received on Ice (Y/N): Yes Temp: 2 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5J01023 - EPA 525 Disk Extract										
Blank (5J01023-BLK1)										
					Prepared: 10/01/15 Analyzed: 10/04/15					
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	5.3			ug/L	5.13		104	50-150		
LCS (5J01023-BS1)										
					Prepared: 10/01/15 Analyzed: 10/04/15					
Benzo(a)pyrene	4.34	0.10	0.090	ug/L	5.13		84.6	70-136		
DEH-Adipate	5.93	5.0	0.18	ug/L	5.13		116	70-159		
DEH-Phthalate	6.03	3.0	0.81	ug/L	5.13		118	70-137		
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.13		107	70-130		
Surrogate: Triphenyl phosphate	5.3			ug/L	5.13		104	50-150		
LCS Dup (5J01023-BSD1)										
					Prepared: 10/01/15 Analyzed: 10/04/15					
Benzo(a)pyrene	4.51	0.10	0.090	ug/L	5.13		88.0	70-136	3.94	40
DEH-Adipate	5.95	5.0	0.18	ug/L	5.13		116	70-159	0.345	40
DEH-Phthalate	6.14	3.0	0.81	ug/L	5.13		120	70-137	1.94	40
Surrogate: 4-Terphenyl-d14	5.4			ug/L	5.13		105	70-130		
Surrogate: Triphenyl phosphate	5.4			ug/L	5.13		105	50-150		
Matrix Spike (5J01023-MS1)										
					Source: B5I2677-01		Prepared: 10/01/15 Analyzed: 10/04/15			
Benzo(a)pyrene	3.53	0.10	0.090	ug/L	5.13	ND	68.8	61-138		
DEH-Adipate	6.05	5.0	0.18	ug/L	5.13	ND	118	70-159		
DEH-Phthalate	5.99	3.0	0.81	ug/L	5.13	ND	117	70-142		
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.13		108	70-130		
Surrogate: Triphenyl phosphate	5.4			ug/L	5.13		106	50-150		
Matrix Spike Dup (5J01023-MSD1)										
					Source: B5I2677-01		Prepared: 10/01/15 Analyzed: 10/04/15			
Benzo(a)pyrene	3.92	0.10	0.090	ug/L	5.26	ND	74.4	61-138	10.4	40
DEH-Adipate	6.55	5.0	0.18	ug/L	5.26	ND	124	70-159	7.88	40
DEH-Phthalate	6.81	3.0	0.81	ug/L	5.26	ND	129	70-142	12.7	40
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.26		104	70-130		
Surrogate: Triphenyl phosphate	5.6			ug/L	5.26		107	50-150		



BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 4 of 4
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510788- (2-25173)

Report Date: 06-Oct-2015

Work Order Number: B5I3078

Received on Ice (Y/N): Yes Temp: 2 °C

Notes and Definitions

ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)
NR: Not Reported
RDL: Reportable Detection Limit
MDL: Method Detection Limit
* / " : NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

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

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

e-Standard_No Alias.rpt
CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119



Analytical Report: Page 1 of 1
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510788- (2-25173)

Work Order Number: B5I3078

Received on Ice (Y/N): Yes Temp: 2 °C

[illegible]

CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119

October 12, 2015

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 1510788

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: 2015-10-12

Enclosure



October 09, 2015

Vista Work Order No. 1500947

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

Dear Ms. Aguirre,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on September 30, 2015. This sample set was analyzed on a rush turn-around time, under your Project Name 'SP 1510788-(2-25173)'. The work was authorized under your Purchase Order No. SP 1510788-(2-25173).

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

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

Sincerely,

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAC 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 Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 ph: 916-673-1520 fx: 916-673-0106 www.vista-analytical.com

Vista Work Order No. 1500947

Case Narrative

Sample Condition on Receipt:

One Monitoring Well sample was received in good condition and within the method temperature requirements. The sample was received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1613

This sample was extracted and analyzed for 2,3,7,8-TCDD by EPA Method 1613 using a ZB-5MS GC column.

Holding Times

The sample was 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.

TABLE OF CONTENTS

Case Narrative.....	1
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Sample Receipt.....	11

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1500947-01	MCWP-04D	28-Sep-15 09:36	30-Sep-15 09:07	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank					EPA Method 1613B				
Matrix: Aqueous		QC Batch: B5J0006			Lab Sample: B5J0006-BLK1				
Sample Size: 1.00 L		Date Extracted: 02-Oct-2015 8:01			Date Analyzed : 07-Oct-15 19:28 Column: ZB-5MS Analyst: DB				
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.00	0.953			IS 13C-2,3,7,8-TCDD	76.5	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	90.0	42 - 164	

DL - Sample specfic 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: OPR					EPA Method 1613B			
Matrix: Aqueous		QC Batch: B5J0006			Lab Sample: B5J0006-BS1			
Sample Size: 1.00 L		Date Extracted: 02-Oct-2015 8:01			Date Analyzed: 07-Oct-15 17:48 Column: ZB-5MS Analyst: DB			
Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard		%R	LCL-UCL
2,3,7,8-TCDD	204	200	102	73 - 146	IS	13C-2,3,7,8-TCDD	77.7	25 - 141
					CRS	37Cl-2,3,7,8-TCDD	92.6	37 - 158

LCL-UCL - Lower control limit - upper control limit

Sample ID: MCWP-04D						EPA Method 1613B			
Client Data Name: FGL Environmental, Inc. Project: SP 1510788-(2-25173) Date Collected: 28-Sep-2015 9:36			Sample Data Matrix: Monitoring Well Sample Size: 0.994 L			Laboratory Data Lab Sample: 1500947-01 Date Received: 30-Sep-2015 9:07 QC Batch: B5J0006 Date Extracted: 02-Oct-2015 8:01 Date Analyzed : 07-Oct-15 23:40 Column: ZB-5MS Analyst: DB			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.03	2.29			IS 13C-2,3,7,8-TCDD	71.1	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.

DATA QUALIFIERS & ABBREVIATIONS

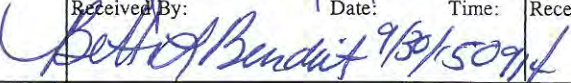
B	This compound was also detected in the method blank.
D	Dilution
E	The associated compound concentration exceeded the calibration range of the instrument.
H	Recovery and/or RPD was outside laboratory acceptance limits.
I	Chemical Interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated detection limit
MDL	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.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that correspond to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
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

Subcontract to Vista Analytical Laboratory

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: SP 1510788 - (2-25173) Purchase Order Number:				Map Ref.																							
Sampler(s) Robert 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) 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	Method of Sampling	Type of Sample	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti Type	Bacti Reason	Other(O)	Special(SPL)															
5	MCWP-04D	09/28/15	09:36	G	MW								1500947 0.3°C														
Remarks:				Relinquished				Date:		Time:		Relinquished				Date:		Time:		Relinquished				Date:		Time:	
								9/29/15		17:30																	
				Received By:				Date:		Time:		Received By:				Date:		Time:		Received By:				Date:		Time:	
								9/30/15		09:14																	

SAMPLE LOG-IN CHECKLIST



Vista Project #: 1500947 TAT 14

Samples Arrival:	Date/Time 09/30/15 0907	Initials: UBB	Location: WR-2
			Shelf/Rack: NA
Logged In:	Date/Time 10/01/15 1026	Initials: BBB	Location: WR-2
			Shelf/Rack: B2
Delivered By:	FedEx	UPS	On Trac
			DHL
			Hand Delivered
			Other
Preservation:	Ice	Blue Ice	Dry Ice
			None
Temp °C: 0.4 (uncorrected)	Time: 0914		Thermometer ID: IR-2
Temp °C: 0.3 (corrected)			

		YES	NO	NA
Adequate Sample Volume Received? 1 Liter		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?				✓
Shipping Documentation Present?		✓		
Airbill	Trk # D10010838651572	✓		
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 ₂ S ₂ O ₃ Preservation Documented?	COC	Sample Container	None	
Shipping Container	Vista	Client	Retain	Return
				Dispose

Comments:

October 13, 2015

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 1510788

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: 2015-10-13

Enclosure

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory

2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory

563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory

3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory

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

11074164

Map Ref

DATE: October 12, 2015

CUSTOMER: FGL Environmental
853 Corporation Street
Santa Paula, CA 93060-3005

ATTENTION: Cindy Aguirre

REPORT NO: 167464

REFERENCE: Project Name: SP 1510788 - (2-25173)

SAMPLER: Robert

RECEIVED: September 29, 2015 at 1136

DATE ANALYZED: October 9, 2015

SUBJECT: ANALYSIS OF WATER SAMPLES FOR ASBESTOS BY TEM

ACCREDITATION: CDPH - ELAP 1119

The date and times of collection and filtration are as follows:

<u>SAMPLE NO:</u>	<u>DATE/TIME COLLECTED</u>	<u>DATE/TIME FILTERED</u>
5 MCWP-04D	September 28, 2015 at 0936	September 29, 2015 at 1255

In the drinking water document, EPA 600 R 94 134, 100.2, samples are analyzed for fibers >10 um in length. The regulation calls for an MCL (maximum contaminant level) of 7 MFL (million of fibers per liter) and an analytical sensitivity of 0.2 MFL.

The analytical sensitivity of 0.2 MFL was reached.

The results of the analysis and the detection limit(s) are summarized on the following page(s), accompanied by the chain of custody.

Respectfully submitted,
EMS Laboratories, Inc.



B.M. Kolk
Laboratory Director
BMK/am

Note: The report shall not be reproduced, except in full without the written approval of EMS Laboratories, Inc.

Note: The results of the analysis are based upon the sample submitted to the laboratory. No representation is made regarding the sampling area other than that implied by the analytical results for the immediate vicinity of the samples analyzed as calculated from the data presented with those samples. All the analytical quality control data meet the requirement of the procedure unless otherwise indicated. Any deviation or exclusion from the test method is noted in this cover letter. Unless otherwise noted in this cover letter the samples were received properly packaged, clearly identified and intact.

ANALYSIS OF WATER FOR ASBESTOS BY TEM (EPA-600 R 94 134) EPA 100.2

LAB.NO. 167464
CLIENT: Fruit Growers Laboratories, Inc.
DATE ANALYZED: 10/9/2015

[illegible]

* FOR FIBERS > 10 μ m ONLY

INDIVIDUAL ANALYTICAL RESULTS

[illegible]

The analysis was carried out to the approved TEM method. This laboratory is in compliance with the quality specified by the method.

Authorized Signature Bm Kler

NA Not Applicable
ND None Detected
PC Polycarbonate
GO Grid Openings
MFL Million Fibers per Liter

October 13, 2015

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

Lab ID : SP 1510788
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 64 pages divided into 3 sections:

Case Narrative (7 pages) : An overview of the work performed at FGL.
Sample Results (18 pages) : Results for each sample submitted.
Quality Control (39 pages) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Travel Blank	09/28/2015	09/28/2015	SP 1510788-000	LBW
MCWP-04D	09/28/2015	09/28/2015	SP 1510788-005	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 1510788-005	Chlorine, Total	15	561 Minutes

All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

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

Inorganic - Metals QC

200.7	09/29/2015:214221 All analysis quality controls are within established criteria.
	09/29/2015:211283 All preparation quality controls are within established criteria.
200.8	10/02/2015:214415 All analysis quality controls are within established criteria.

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
 Customer : 2-25173

Inorganic - Metals QC

245.1	10/05/2015:214526 All analysis quality controls are within established criteria.
	10/05/2015:211582 All preparation quality controls are within established criteria.
3010	10/02/2015:211481 All preparation quality controls are within established criteria, except: The following note applies to Aluminum, Barium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Chromium: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

Organic QC

504	09/29/2015:211319 All preparation quality controls are within established criteria.
504.1	09/30/2015:214195 All analysis quality controls are within established criteria.
505	10/02/2015:214312 All analysis quality controls are within established criteria.
	10/01/2015:211427 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Dieldrin, Endrin, Hexachlorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Hexachlorobenzene, Heptachlor: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
507	10/07/2015:214573 All analysis quality controls are within established criteria.
	10/05/2015:211579 All preparation quality controls are within established criteria, except: The following note applies to EPN/Triphenylphosphate: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
515.3	10/06/2015:214557 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Dicamba, Pentachlorophenol: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	10/02/2015:211491 All preparation quality controls are within established criteria, except:

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
 Customer : 2-25173

Organic QC

515.3	The following note applies to Pentachlorophenol: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Bentazon: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
524.2	10/08/2015:214755 All analysis quality controls are within established criteria, except: The following note applies to 1,1,1,2-Tetrachloroethane, 1,3-Dichloropropane, Dibromochloromethane, Bromoform, Bromobenzene, Bromodichloromethane, Bro: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. 10/08/2015:211795 All preparation quality controls are within established criteria, except: The following note applies to Bromomethane (Methyl Bromide): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Freon-11, Chloromethane(Methyl Chloride): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	10/05/2015:214499 All analysis quality controls are within established criteria. 10/05/2015:211586 All preparation quality controls are within established criteria.
5310C	10/03/2015:214409 All analysis quality controls are within established criteria. 10/02/2015:211193 All preparation quality controls are within established criteria.
547	09/30/2015:214266 All analysis quality controls are within established criteria. 09/30/2015:211389 All preparation quality controls are within established criteria.
548.1	10/07/2015:214645 All analysis quality controls are within established criteria. 09/29/2015:211326 All preparation quality controls are within established criteria.
549	09/29/2015:211324 All preparation quality controls are within established criteria, except: The following note applies to Diquat Dibromide: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
549.2	10/08/2015:214717 All analysis quality controls are within established criteria.
552	09/30/2015:211368 All preparation quality controls are within established criteria, except:

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
 Customer : 2-25173

Organic QC

552	The following note applies to Monobromoacetic Acid, Dichloroacetic Acid, Monochloroacetic Acid, Dibromoacetic Acid, Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Trichloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	10/02/2015:214298 All analysis quality controls are within established criteria.
608	10/03/2015:214403 All analysis quality controls are within established criteria.
	10/01/2015:211432 All preparation quality controls are within established criteria.
624	10/01/2015:214611 All analysis quality controls are within established criteria, except: The following note applies to Freon-11, Chloroethane (Ethyl Chloride), 2-Butanone (MEK), Vinyl Acetate: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	10/01/2015:211684 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, 2-Butanone (MEK), Chlorobenzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
625	10/06/2015:214694 All analysis quality controls are within established criteria, except: The following note applies to 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4-Nitrophenol, Benzidine, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Benzo(b)fluora: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4-Nitrophenol, Benzidine, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Benzo(b)fluora: 362 Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
	10/08/2015:214700 All analysis quality controls are within established criteria.
	09/29/2015:211138 All preparation quality controls are within established criteria, except: The following note applies to 2,4-Dichlorophenol, 4,6-Dinitro-2-methylphenol, 4-Nitrophenol, Butylbenzylphthalate, Benzidine, Dibenzo(a,h)anthracene,: 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, Benzo(g,h,i)perylene, 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-Dichlorophenol, 4-Nitrophenol, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Di-n-octylphthalate, Indeno(1,2,3-c,d)pyrene,: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
625P	10/01/2015:214372 All analysis quality controls are within established criteria.

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Organic QC

625P	09/29/2015:211325 All preparation quality controls are within established criteria, except: The following note applies to Endosulfan I: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

Radio QC

900.0	10/06/2015:214771 All analysis quality controls are within established criteria.
	10/05/2015:211541 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
903.0	10/10/2015:214837 All analysis quality controls are within established criteria.
	10/05/2015:211591 All preparation quality controls are within established criteria.
905.0	10/10/2015:214826 All analysis quality controls are within established criteria.
	10/05/2015:211592 All preparation quality controls are within established criteria.
906.0	10/06/2015:214748 All analysis quality controls are within established criteria.
	10/06/2015:211597 All preparation quality controls are within established criteria.
908.0	10/01/2015:214606 All analysis quality controls are within established criteria.
	09/30/2015:211341 All preparation quality controls are within established criteria.
Ra - 05	10/05/2015:214519 All analysis quality controls are within established criteria.
	10/04/2015:211524 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

1664	10/06/2015:211623 All preparation quality controls are within established criteria.
2120B	09/29/2015:214382 All analysis quality controls are within established criteria.
	09/29/2015:211494 All preparation quality controls are within established criteria.

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
 Customer : 2-25173

Inorganic - Wet Chemistry QC

2130B	09/28/2015:214143 All analysis quality controls are within established criteria.
	09/28/2015:211277 All preparation quality controls are within established criteria.
2150B	09/29/2015:211503 All preparation quality controls are within established criteria.
218.6	10/08/2015:214766 All analysis quality controls are within established criteria.
	10/08/2015:211814 All preparation quality controls are within established criteria.
2320B	09/29/2015:214175 All analysis quality controls are within established criteria.
	09/29/2015:211280 All preparation quality controls are within established criteria.
2510B	09/29/2015:214171 All analysis quality controls are within established criteria.
	09/29/2015:211296 All preparation quality controls are within established criteria.
2540CE	09/29/2015:211310 All preparation quality controls are within established criteria.
2540D	10/01/2015:211439 All preparation quality controls are within established criteria.
300.0	09/29/2015:214180 All analysis quality controls are within established criteria.
	10/01/2015:214297 All analysis quality controls are within established criteria.
	09/28/2015:211291 All preparation quality controls are within established criteria, except: The following note applies to Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	09/30/2015:211413 All preparation quality controls are within established criteria.
314.0	09/28/2015:214174 All analysis quality controls are within established criteria.
	09/28/2015:211245 All preparation quality controls are within established criteria.
351.2	09/30/2015:211343 All preparation quality controls are within established criteria.
4500CIG	09/28/2015:214140 All analysis quality controls are within established criteria.
	09/28/2015:211275 All preparation quality controls are within established criteria.
4500CNCE	10/03/2015:214408 All analysis quality controls are within established criteria.

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Inorganic - Wet Chemistry QC

4500CNCE	10/02/2015:211450 All preparation quality controls are within established criteria.
4500NH3G	10/05/2015:214447 All analysis quality controls are within established criteria.
	10/05/2015:211538 All preparation quality controls are within established criteria.
4500-P B	09/28/2015:211268 All preparation quality controls are within established criteria.
4500PE	09/30/2015:214131 All analysis quality controls are within established criteria.
5210B	10/04/2015:214413 All analysis quality controls are within established criteria.
	09/29/2015:211231 All preparation quality controls are within established criteria.
5540C	09/29/2015:214385 All analysis quality controls are within established criteria.
	09/29/2015:211500 All preparation quality controls are within established criteria.
EPA351.2	10/01/2015:214275 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: 2015-10-14

October 13, 2015

Lab ID : SP 1510788-000

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : Travel Blank

Project : Malibu WWTP - Baseline GWM

Sampled On : September 28, 2015-00:00

Sampled By : Robert

Received On : September 28, 2015-15:20

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane ⁺	98.2	70-130		%	1		504	211319	09/29/15 15:30	504.1	214195-GC216	09/30/15-10:38SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211319	09/29/15 15:30	504.1	214195-GC216	09/30/15-10:38SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	211319	09/29/15 15:30	504.1	214195-GC216	09/30/15-10:38SBL
EPA 524.2 VOA:13												
4-Bromofluorobenzene ⁺	109	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2-Dichlorobenzene-d4 ⁺	103	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uh	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-22:13VRG
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.

October 13, 2015

Lab ID : SP 1510788-005

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-04D

Project : Malibu WWTP - Baseline GWM

Sampled On : September 28, 2015-09:36

Sampled By : Robert

Received On : September 28, 2015-15:20

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral	P:1'S											
Total Hardness as CaCO3	840	2.5	0.013	mg/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Calcium	173	1	0.013	mg/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Magnesium	99.2	1	0.0067	mg/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Potassium	3.20	1	0.082	mg/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Sodium	192	1	0.27	mg/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Total Cations	25.2	0.1	0.013	meq/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Boron	0.772	0.05	0.012	mg/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Copper	ND	10	0.77	ug/L	1	U	200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Iron	15.9	50	1.4	ug/L	1	J	200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Manganese	11.1	10	0.12	ug/L	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Zinc	ND	20	2.0	ug/L	1	U	200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
SAR	2.88	0.1	0.013	--	1		200.7	211283	09/29/15 07:40	200.7	214221-IT203	09/29/15-10:44AC
Total Alkalinity (as CaCO3)	303	10	1.1	mg/L	1		2320B	211280	09/29/15 04:00	2320B	214175-MT201	09/29/15-11:14AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211280	09/29/15 04:00	2320B	214175-MT201	09/29/15-11:14AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211280	09/29/15 04:00	2320B	214175-MT201	09/29/15-11:14AMB
Bicarbonate as HCO3	370	10	1.1	mg/L	1.000		2320B	211280	09/29/15 04:00	2320B	214175-MT201	09/29/15-11:14AMB
Sulfate	527	10	0.037	mg/L	10		300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:49KD
Chloride	216	10	0.042	mg/L	10	I	300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:49KD
Nitrate as NO3	6.44	0.4	0.033	mg/L	1		300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:32KD
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:32KD

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral ^{P:15}												
Nitrate + Nitrite as N	1.50	0.1	0.033	mg/L	1		300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:32KD
Fluoride	0.505	0.1	0.027	mg/L	1	b	300.0	211413	09/30/15 16:50	300.0	214297-IC208	10/01/15-07:01KD
Total Anions	23.3	0.1	1.1	meq/L	1.000	lb	2320B	211280	09/29/15 04:00	2320B	214175-MT201	09/29/15-11:14AMB
pH	7.19	--	0.010	units	1		4500-H B	211369	09/28/15 09:36	4500HB	214251-CL000	09/28/15-09:36Robert
Specific Conductance	2300	1	0.16	umhos/cm	1		2510B	211296	09/29/15 09:30	2510B	214171-EC205	09/29/15-12:55JMG
Total Dissolved Solids	1630	40	5.8	mg/L	1		2540CE	211310	09/29/15 11:36	2540C	214238-WT219	09/30/15-10:11CTL
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	211500	09/29/15 11:15	5540C	214385-JMG	09/29/15-11:25jmg
Aggressiveness Index	12.3	1	0.010	--	1		4500-H B	211369	09/28/15 09:36	4500HB	214251-CL000	09/28/15-09:36Robert
Langelier Index (20°C)	0.4	1	0.010	--	1		4500-H B	211369	09/28/15 09:36	4500HB	214251-CL000	09/28/15-09:36Robert
Nitrate Nitrogen	1.50	0.1	0.0082	mg/L	1		300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:32KD
Metals, Total ^{P:15}												
Aluminum	0.00359	0.01	0.00014	mg/L	1	Jl	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Antimony	0.000169	0.001	0.000039	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Arsenic	0.000855	0.002	0.000054	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Barium	0.0383	0.0002	0.000032	mg/L	1	l	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Cadmium	0.000158	0.0002	0.000029	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Chromium	0.000275	0.001	0.000028	mg/L	1	JP	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Copper	0.00233	0.001	0.000019	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Lead	0.000117	0.0002	0.000012	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Mercury	0.00000572	0.00001	0.0000028	mg/L	1	J	245.1	211582	10/05/15 12:00	245.1	214526-HG204	10/05/15-19:13AC
Nickel	0.00410	0.001	0.000021	mg/L	1		3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Selenium	0.00107	0.002	0.00015	mg/L	1	J	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Silver	ND	0.001	0.000012	mg/L	1	U	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Thallium	ND	0.0002	0.000014	mg/L	1	U	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Chromium III	ND	0.001	0.000028	mg/L	1	JP	3010	211481	10/02/15 03:30	200.8	214415-IX202	10/02/15-14:06AC
Wet Chemistry ^{AGT:1}												
BOD	ND	2	0.19	mg/L	1	U	5210B	211231	09/29/15 10:38	5210B	214413-O2202	10/04/15-12:10MCA
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	211275	09/28/15 18:57	4500CIG	214140-UV207	09/28/15-19:04SBL
Chromium VI	0.670	0.1	0.012	ug/L	1		218.6	211814	10/08/15 13:20	218.6	214766-IC209	10/08/15-15:01MCA

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry AGT:1												
Color	<5.00	5	0.0	units	1	U	2120B	211494	09/29/15 16:25	2120B	214382-JMG	09/29/15-16:45jmg
Cyanide, Total	ND	0.01	0.0010	mg/L	1	Ub	4500CNCE	211450	10/02/15 12:00	4500CNCE	214408-UV205	10/03/15-12:19AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	JUb	4500NH3G	211538	10/05/15 04:00	4500NH3G	214447-FI207	10/05/15-05:49AMB
Ammonia Nitrogen	0.117	0.2	0.072	mg/L	1	J	4500NH3G	211538	10/05/15 04:00	4500NH3G	214447-FI207	10/05/15-05:49AMB
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211343	09/30/15 08:23	EPA351.2	214275-FI206	10/01/15-04:48AMB
Nitrogen, Total as Nitrogen	1.50	0.5	0.19	mg/L	1	b	351.2	211343	09/30/15 08:23	EPA351.2	214275-FI206	10/01/15-04:48AMB
Nitrate + Nitrite as N	1.50	0.1	0.033	mg/L	1		300.0	211291	09/28/15 15:00	300.0	214180-IC208	09/29/15-04:32KD
Kjeldahl Nitrogen	ND	0.5	0.19	mg/L	1	Ub	351.2	211343	09/30/15 08:23	EPA351.2	214275-FI206	10/01/15-04:48AMB
Odor	ND	1	0.0	TON	1	U	2150B	211503	09/29/15 09:00	2150B	214387-JMG	09/29/15-09:21jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	U	1664	211623	10/06/15 14:14	1664	214590-WT215	10/07/15-09:44AMM
Phosphorus, Total	0.154	0.1	0.031	mg/L	1		4500-P B	211268	09/28/15 17:36	4500PE	214131-UV205	09/30/15-18:00MCA
Solids, Total Suspended (TSS)	ND	1.1	0.49	mg/L	1.0526	U	2540D	211439	10/01/15 16:40	2540D	214367-WT215	10/02/15-11:00JBA
Turbidity	0.0860	0.2	0.048	NTU	1	J	2130B	211277	09/28/15 19:25	2130B	214143-TR203	09/28/15-19:35JBA
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211245	09/28/15 17:30	314.0	214174-IC207	09/28/15-20:32SBL

DQF Flags Definition:

- b The Blank was positive for constituent but less than the PQL
- 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

October 13, 2015

Lab ID : SP 1510788-005

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-04D

Project : Malibu WWTP - Baseline GWM

Sampled On : September 28, 2015-09:36

Sampled By : Robert

Received On : September 28, 2015-15:20

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	103	70-130		%	1		504	211319	09/29/15 15:30	504.1	214195-GC216	09/30/15-11:12SBL
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211319	09/29/15 15:30	504.1	214195-GC216	09/30/15-11:12SBL
EDB	ND	0.02	0.0020	ug/L	1	U	504	211319	09/29/15 15:30	504.1	214195-GC216	09/30/15-11:12SBL
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	94.4	70-130		%	1.0284		505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Alachlor	ND	0.21	0.17	ug/L	1.0284	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Aldrin	ND	0.01	0.0053	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Chlordane	ND	0.1	0.034	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Dieldrin	ND	0.01	0.0028	ug/L	1.0284	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Endrin	ND	0.01	0.0043	ug/L	1.0284	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Heptachlor	ND	0.01	0.0038	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1.0284	Uh	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Lindane (Gamma BHC)	ND	0.051	0.0023	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Methoxychlor	ND	0.1	0.017	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
Toxaphene	ND	0.51	0.27	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
PCB 1016	ND	0.51	0.22	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
PCB 1221	ND	0.51	0.067	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
PCB 1232	ND	0.51	0.13	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 ^{VOA:1}												
PCB 1242	ND	0.51	0.058	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
PCB 1248	ND	0.51	0.064	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
PCB 1254	ND	0.51	0.095	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
PCB 1260	ND	0.51	0.055	ug/L	1.0284	U	505	211427	10/01/15 15:00	505	214312-GC215	10/02/15-02:03SBL
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	72.6	70-130		%	0.95238		507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Alachlor	ND	0.95	0.16	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Atrazine	ND	0.95	0.14	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Bromacil	ND	1.9	0.12	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Butachlor	ND	0.95	0.21	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Diazinon	ND	1.9	0.18	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Dimethoate	ND	1.9	0.089	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Metolachlor	ND	0.95	0.41	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Metribuzin	ND	0.48	0.24	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Molinate	ND	1.9	0.13	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Prometryne	ND	1.9	0.095	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Propachlor	ND	0.95	0.12	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Simazine	ND	0.95	0.16	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Thiobencarb	ND	0.95	0.15	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
Cyanazine	ND	0.95	0.11	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-08:14SG
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	78.1	70-130		%	1		515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
Bentazon	ND	2	0.45	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
2,4-D	ND	2	0.90	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
Dalapon	ND	10	3.5	ug/L	1	Ub	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
Dicamba	0.437	1	0.29	ug/L	1	J	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
Dinoseb	ND	1	0.49	ug/L	1	Ub	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	Uh	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
Picloram	ND	1	0.18	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 ^{AGT:1}												
2,4,5-T	ND	1	0.42	ug/L	1	U	515.3	211491	10/02/15 14:22	515.3	214557-GC215	10/06/15-20:59SG
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	114	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2-Dichlorobenzene-d4 [‡]	107	70-130		%	1		524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Benzene	ND	0.5	0.081	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Bromobenzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Bromochloromethane	ND	0.5	0.16	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Bromodichloromethane	ND	0.5	0.099	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Bromoform	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Bromomethane	ND	0.5	0.14	ug/L	1	Uh	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
n-Butylbenzene	ND	0.5	0.061	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
sec-Butylbenzene	ND	0.5	0.043	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
tert-Butylbenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Carbon Tetrachloride	ND	0.5	0.069	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Chlorobenzene	ND	0.5	0.050	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Chloroethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Chloroform	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Chloromethane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
2-Chlorotoluene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
4-Chlorotoluene	ND	0.5	0.078	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Dibromochloromethane	ND	0.5	0.095	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Dibromomethane	ND	0.5	0.10	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2-Dichlorobenzene	ND	0.5	0.047	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,3-Dichlorobenzene	ND	0.5	0.044	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,4-Dichlorobenzene	ND	0.5	0.021	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Dichlorodifluoromethane	ND	0.5	0.14	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1-Dichloroethane	ND	0.5	0.063	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2-Dichloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
cis-1,2-Dichloroethylene	ND	0.5	0.064	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
trans-1,2-Dichloroethylene	ND	0.5	0.075	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,3-Dichloropropane	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Dichloromethane	ND	0.5	0.062	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
2,2-Dichloropropane	ND	0.5	0.13	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1-Dichloropropene	ND	0.5	0.084	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,3-Dichloropropene (Total)	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
cis-1,3-Dichloropropene	ND	0.5	0.039	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
trans-1,3-Dichloropropene	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Di-isopropyl ether (DIPE)	ND	2	0.15	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Ethyl Benzene	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Hexachlorobutadiene	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Isopropylbenzene	ND	0.5	0.051	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
p-Isopropyltoluene	ND	0.5	0.042	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.091	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Naphthalene	ND	0.5	0.070	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
n-Propylbenzene	ND	0.5	0.076	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Styrene	ND	0.5	0.040	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.067	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.072	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.11	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Tetrachloroethylene	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Toluene	ND	0.5	0.055	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2,3-Trichlorobenzene	ND	0.5	0.094	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2,4-Trichlorobenzene	ND	0.5	0.068	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1,1-Trichloroethane	ND	0.5	0.041	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1,2-Trichloroethane	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Trichloroethylene	ND	0.5	0.060	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Trichlorofluoromethane	ND	0.5	0.40	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.077	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,2,4-Trimethylbenzene	ND	0.5	0.054	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
1,3,5-Trimethylbenzene	ND	0.5	0.048	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Vinyl Chloride	ND	0.5	0.098	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Xylenes (Total)	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Xylenes m,p	ND	0.5	0.087	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Xylenes o	ND	0.5	0.080	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
Total Trihalomethanes	ND	0.5	0.12	ug/L	1	U	524.2	211795	10/08/15 09:49	524.2	214755-GM215	10/08/15-19:53VRG
EPA 531.1 AGT:18												
Aldicarb	ND	3	0.59	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
Aldicarb Sulfone	ND	2	0.37	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
Aldicarb Sulfoxide	ND	3	0.23	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
Carbaryl	ND	5	0.52	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
Carbofuran	ND	5	0.49	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
3-Hydroxycarbofuran	ND	10	0.80	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
Methomyl	ND	5	0.44	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
Oxamyl	ND	5	0.34	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-21:43SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211389	09/30/15 16:32	547	214266-LC204	09/30/15-20:18SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211326	09/29/15 15:00	548.1	214645-GC220	10/07/15-21:19SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211324	09/29/15 14:37	549.2	214717-LC204	10/08/15-14:02SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	105	70-130		%	1	f	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
Bromoacetic Acid	0.394	1	0.18	ug/L	1	Jfbh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
Chloroacetic Acid	ND	2	0.23	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Ufbh	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
Haloacetic acids (five)	0.394	1	0.18	ug/L	1	JfbhU	552	211368	09/30/15 16:45	552.2	214298-GC219	10/02/15-20:11SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	64.6	26-141		%	0.98039		608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
Chlordane	ND	2	0.16	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
Toxaphene	ND	2	0.18	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1016	ND	0.49	0.10	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1221	ND	0.49	0.084	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1232	ND	0.49	0.19	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1242	ND	0.49	0.11	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1248	ND	0.49	0.064	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1254	ND	0.49	0.13	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
PCB 1260	ND	0.49	0.049	ug/L	0.98039	U	608	211432	10/01/15 14:39	608	214403-GC215	10/03/15-10:29SBL
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	107	70-161		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Fluorobenzene [‡]	93.8	72-139		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Pentafluorobenzene [‡]	95.8	59-151		%	1	f	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Acetone	ND	50	1.3	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Acrolein	ND	5	12	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Acrylonitrile	ND	2	3.0	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Benzene	ND	0.5	0.12	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Bromodichloromethane	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Bromoform	ND	1	0.077	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Bromomethane	ND	0.5	0.25	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
2-Butanone (MEK)	ND	10	0.66	ug/L	1	UfH	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Carbon Disulfide	ND	5	0.91	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Carbon Tetrachloride	ND	0.5	0.053	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Chlorobenzene	ND	0.5	0.021	ug/L	1	UfL	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Chloroethane	ND	0.5	0.093	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
2-Chloroethylvinyl ether	ND	10	0.79	ug/L	1	UfH	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Chloroform	ND	0.5	0.047	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Chloromethane	ND	0.5	0.070	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Dibromochloromethane	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,2-Dichlorobenzene	ND	0.5	0.078	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,3-Dichlorobenzene	ND	0.5	0.071	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,4-Dichlorobenzene	ND	0.5	0.11	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,1-Dichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,2-Dichloroethane	ND	0.5	0.048	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,1-Dichloroethylene	ND	0.5	0.028	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
trans-1,2-Dichloroethylene	ND	1	0.032	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,2-Dichloropropane	ND	0.5	0.074	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
cis-1,3-Dichloropropene	ND	0.5	0.037	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
trans-1,3-Dichloropropene	ND	1	0.052	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Ethyl Benzene	ND	0.5	0.057	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
2-Hexanone	ND	5	0.53	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
4-Methyl-2-pentanone (MIBK)	ND	5	0.89	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Methylene Chloride	ND	0.5	0.019	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.064	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Styrene	ND	0.5	0.070	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.054	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Tetrachloroethylene	ND	0.5	0.033	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Toluene	ND	0.5	0.060	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,1,1-Trichloroethane	ND	0.5	0.040	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
1,1,2-Trichloroethane	ND	0.5	0.060	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Trichloroethylene	ND	0.5	0.069	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Trichlorofluoromethane	ND	1.5	0.073	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Vinyl Acetate	ND	100	5.6	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Vinyl Chloride	ND	0.5	0.049	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Xylenes m,p	ND	0.5	0.092	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Xylenes o	ND	0.5	0.063	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
Xylenes	ND	0.5	0.092	ug/L	1	Uf	624	211684	10/01/15 08:00	624	214611-GM214	10/01/15-19:56VRG
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	48.3	15-91		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2-Fluorophenol [‡]	48.0	12-86		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Nitrobenzene-d5 [‡]	51.6	9-95		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Phenol-d6 [‡]	50.5	7-77		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
p-Terphenyl-d14 [‡]	73.9	37-100		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,4,6-Tribromophenol [‡]	55.0	18-105		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Acenaphthene	ND	0.96	0.50	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Acenaphthylene	ND	0.96	0.39	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Anthracene	ND	0.96	0.43	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Benzidine	ND	9.6	1.8	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Benzo(a)anthracene	ND	0.96	0.43	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Benzo(b)fluoranthene	ND	0.96	0.37	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Benzo(k)fluoranthene	ND	0.96	0.50	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Benzo(g,h,i)perylene	ND	0.96	0.40	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Benzo(a)pyrene	ND	0.96	0.40	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
4-Bromophenylphenylether	ND	0.96	0.46	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
bis(2-Chloroethoxy)methane	ND	0.96	0.56	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
bis(2-Chloroethyl)ether	ND	0.96	0.52	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
bis(2-Chloroisopropyl)ether	ND	0.96	0.53	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2-Chloronaphthalene	ND	0.96	0.63	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
4-Chlorophenylphenylether	ND	0.96	0.62	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Chrysene	ND	0.96	0.51	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Dibenzo(a,h)anthracene	ND	0.96	0.37	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
1,2-Dichlorobenzene	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
1,3-Dichlorobenzene	ND	0.96	0.45	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
1,4-Dichlorobenzene	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
3,3'-Dichlorobenzidine	ND	0.96	0.43	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Diethylphthalate	ND	0.96	0.34	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Dimethylphthalate	ND	0.96	0.31	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
4,6-Dinitro-2-methylphenol	ND	0.96	0.43	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,4-Dinitrophenol	ND	4.8	0.22	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-02:40SBL
2,4-Dinitrotoluene	ND	0.96	0.49	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,6-Dinitrotoluene	ND	0.96	0.55	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Di-n-octylphthalate	ND	0.96	0.31	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Fluoranthene	ND	0.96	0.44	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Fluorene	ND	0.96	0.62	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Hexachlorobenzene	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Hexachlorobutadiene	ND	0.96	0.45	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Hexachlorocyclopentadiene	ND	0.96	0.24	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-02:40SBL
Hexachloroethane	ND	0.96	0.43	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Indeno(1,2,3-c,d)pyrene	ND	0.96	0.38	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Isophorone	ND	0.96	0.41	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Naphthalene	ND	0.96	0.55	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Nitrobenzene	ND	0.96	0.47	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2-Nitrophenol	ND	1.9	1.1	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
4-Nitrophenol	ND	1.9	1.1	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 ^{AGT:1}												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
N-Nitrosodiphenylamine	ND	0.96	0.74	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
N-Nitrosodi-n-propylamine	ND	0.96	0.53	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Pentachlorophenol	ND	1.9	0.91	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Phenanthrene	ND	0.96	0.50	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Phenol	ND	0.96	0.88	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Pyrene	ND	0.96	0.46	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
Pyridine	ND	9.6	0.32	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
1,2,4-Trichlorobenzene	ND	0.96	0.48	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,4,6-Trichlorophenol	ND	0.96	0.90	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
1,2-Diphenylhydrazine	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-03:14VRG
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	4.8	0.91	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Alpha BHC	ND	4.8	1.3	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Beta BHC	ND	4.8	1.5	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Delta BHC	ND	4.8	1.8	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Dieldrin	ND	4.8	1.5	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Endosulfan I	ND	4.8	2.1	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Endosulfan II	ND	4.8	2.1	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Endrin	ND	4.8	1.3	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Endrin Ketone	ND	4.8	1.8	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Heptachlor	ND	4.8	1.8	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Methoxychlor	ND	4.8	0.46	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
cis_Nonachlor	ND	48	1.6	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
o,p - DDD	ND	4.8	0.54	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
o,p - DDE	ND	4.8	0.35	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
o,p - DDT	ND	4.8	0.95	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
trans-Nonachlor	ND	48	1.2	ng/L	0.95238	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
Tetrachloro-m-xylene [‡]	69.0	26-90		%	0.95238		625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:15SG
TOC ^{AVT:14}												
TOC	0.610	0.5	0.15	mg/L	1	b	5310C	211193	10/02/15 15:44	5310C	214409-TC203	10/03/15-00:22AMM
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. 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.

October 13, 2015

Lab ID : SP 1510788-005

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-04D

Project : Malibu WWTP - Baseline GWM

Sampled On : September 28, 2015-09:36

Sampled By : Robert

Received On : September 28, 2015-15:20

Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
Radio Chemistry ^{P:1}											
Gross Alpha	3.41 ± 1.63	1.30	pCi/L	15	h	900.0	211541	10/05/15 07:00	900.0	214771-GP219	10/06/15-16:00caa
Gross Beta	0.659 ± 1.39	1.78	pCi/L	50		900.0	211541	10/05/15 07:00	900.0	214771-GP219	10/06/15-16:00caa
Strontium 90	0.000 ± 0.620	0.682	pCi/L	8		905.0	211592	10/05/15 18:00	905.0	214826-GP218	10/10/15-09:20caa
Total Alpha Radium (226)	0.179 ± 0.185	0.470	pCi/L	3		903.0	211591	10/05/15 18:00	903.0	214837-GP216	10/10/15-09:40caa
Tritium	176 ± 271	434	pCi/L	20000		906.0	211597	10/06/15 07:40	906.0	214748-LS201	10/06/15-17:00caa
Uranium	2.72 ± 1.28	0.300	pCi/L	20		908.0	211341	09/30/15 07:30	908.0	214606-GP220	10/01/15-18:01caa
Ra 228	0.000 ± 0.461	0.253	pCi/L	2		Ra - 05	211524	10/04/15 10:00	Ra - 05	214519-GP218	10/05/15-18:30emv
DQF Flags Definition:											
h The MS/MSD did not meet QC criteria.											

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

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.

MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).

AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following

If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:

Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L

Uranium is less than or equal to 20 pCi/L

Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dibromoethane(EDB)	504	09/29/15:211319SBL	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2579	109 %	70-130	
			LCS	ug/L	0.2543	98.1 %	70-130	
			BS	ug/L	0.2565	105 %	70-130	
			BSD	ug/L	0.2570	107 %	70-130	
			BSRPD	ug/L	0.6033	1.9%	≤30	
			QMDL	ug/L	0.02028	95.7 %	60-140	
1,3-Dibromopropane	504	09/29/15:211319SBL	Blank	ug/L	0.6049	84.7 %	70-130	
			LCS	ug/L	0.6053	93.7 %	70-130	
			LCS	ug/L	0.5969	93.3 %	70-130	
			BS	ug/L	0.6020	93.7 %	70-130	
			BSD	ug/L	0.6033	97.4 %	70-130	
			BSRPD	ug/L	0.6033	4.1%	≤30	
			QMDL	ug/L	0.5995	78.9 %	70-130	
DBCP	504	09/29/15:211319SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2579	102 %	70-130	
			LCS	ug/L	0.2543	96.9 %	70-130	
			BS	ug/L	0.2565	104 %	70-130	
			BSD	ug/L	0.2570	106 %	70-130	
			BSRPD	ug/L	0.6033	2.6%	≤30	
			QMDL	ug/L	0.02028	89.9 %	60-140	
13DBP	504.1	09/30/15:214195SBL	CCV	ug/L	9.975	94.8 %	70-130	
			CCV	ug/L	7.481	100 %	70-130	
DBCP	504.1	09/30/15:214195SBL	CCV	ug/L	5.000	104 %	70-130	
			CCV	ug/L	2.000	92.0 %	70-130	
EDB	504.1	09/30/15:214195SBL	CCV	ug/L	5.000	106 %	70-130	
			CCV	ug/L	2.000	96.0 %	70-130	
Alachlor	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.2	
			LCS	ug/L	6.359	118 %	82-127	
			MS	ug/L	6.001	121 %	90-119	
		(VI 1543729-001)	MSD	ug/L	5.954	118 %	90-119	
			MSRPD	ug/L	5.954	3.4%	≤28.7	
	505	10/02/15:214312SBL	CCV	ug/L	150.0	123 %	70-130	
			CCV	ug/L	100.0	119 %	70-130	
Aldrin	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.075	
			LCS	ug/L	0.6359	110 %	83-131	
			MS	ug/L	0.6001	93.2 %	0-196	
		(VI 1543729-001)	MSD	ug/L	0.5954	116 %	0-196	
			MSRPD	ug/L	5.954	20.8%	≤50.6	
	505	10/02/15:214312SBL	CCV	ug/L	15.00	129 %	70-130	
			CCV	ug/L	10.00	106 %	70-130	
Chlordane	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.1	
Dieldrin	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6359	116 %	89-116	
			MS	ug/L	0.6001	119 %	89-115	
		(VI 1543729-001)	MSD	ug/L	0.5954	117 %	89-115	
			MSRPD	ug/L	5.954	2.6%	≤5.55	
	505	10/02/15:214312SBL	CCV	ug/L	15.00	125 %	70-130	
			CCV	ug/L	10.00	115 %	70-130	
Endrin	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6359	114 %	77-119	
			MS	ug/L	0.6001	115 %	74-114	
		(VI 1543729-001)	MSD	ug/L	0.5954	116 %	74-114	
			MSRPD	ug/L	5.954	0.3%	≤8.81	
	505	10/02/15:214312SBL	CCV	ug/L	15.00	121 %	70-130	

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endrin	505	10/02/15:214312SBL	CCV	ug/L	10.00	108 %	70-130	
Heptachlor	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.01	435
			LCS	ug/L	0.6359	111 %	84-128	
			MS	ug/L	0.6001	99.3 %	87-124	
			MSD	ug/L	0.5954	114 %	87-124	
Heptachlor Epoxide	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	12.9%	≤11.9	
			CCV	ug/L	15.00	129 %	70-130	
			CCV	ug/L	10.00	109 %	70-130	
Hexachlorobenzene	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.01	435
			LCS	ug/L	0.6359	116 %	82-129	
			MS	ug/L	0.6001	104 %	90-119	
			MSD	ug/L	0.5954	122 %	90-119	
Hexachlorocyclopentadiene	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	15.3%	≤10.8	435
			CCV	ug/L	15.00	128 %	70-130	
			CCV	ug/L	10.00	111 %	70-130	
Lindane	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.6359	105 %	59-155	
			MS	ug/L	0.6001	109 %	45-167	
			MSD	ug/L	0.5954	105 %	45-167	
Methoxychlor	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	4.4%	≤4.98	
			CCV	ug/L	15.00	115 %	70-130	
			CCV	ug/L	10.00	108 %	70-130	
PCB 1016/1242 - 1	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	3.180	121 %	82-126	
			MS	ug/L	3.000	121 %	62-134	
			MSD	ug/L	2.977	114 %	62-134	
PCB 1242	505	10/02/15:214312SBL	MSRPD	ug/L	5.954	6.4%	≤7.94	
			CCV	ug/L	75.00	126 %	70-130	
			CCV	ug/L	50.00	121 %	70-130	
PCB 1248 - 1	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	10/01/15:211427SBL (VI 1543729-001)	Blank	ug/L	1.209	90.8 %	70-130	
			LCS	ug/L	1.273	90.7 %	70-130	
			MS	ug/L	1.201	93.2 %	N/A	
			MSD	ug/L	1.192	87.4 %	N/A	

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Tetrachloro-m-xylene	505	10/01/15:211427SBL	MSRPD	ug/L	5.954	7.2%	≤30.0	
	505	10/02/15:214312SBL	CCV	ug/L	30.03	97.7 %	70-130	
			CCV	ug/L	20.02	89.6 %	70-130	
Toxaphene	505	10/01/15:211427SBL	Blank	ug/L		ND	<0.5	
Alachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	89.0 %	70-130	
			BS	ug/L	2.500	79.3 %	47-147	
			BSD	ug/L	2.500	83.1 %	47-147	
			BSRPD	ug/L	12.50	0.096	≤1	
	507	10/07/15:214573SG	CCV	ug/L	1000	106 %	80-120	
			CCV	ug/L	500.0	106 %	80-120	
Atrazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	88.2 %	70-130	
			BS	ug/L	2.500	76.4 %	52-154	
			BSD	ug/L	2.500	81.8 %	52-154	
			BSRPD	ug/L	12.50	0.14	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	108 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
Bromacil	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	93.7 %	70-130	
			BS	ug/L	2.500	81.5 %	38-170	
			BSD	ug/L	2.500	68.7 %	38-170	
			BSRPD	ug/L	12.50	0.32	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	116 %	80-120	
			CCV	ug/L	500.0	110 %	80-120	
Butachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	96.3 %	70-130	
			BS	ug/L	2.500	80.8 %	37-150	
			BSD	ug/L	2.500	77.6 %	37-150	
			BSRPD	ug/L	12.50	4.0%	≤53.8	
	507	10/07/15:214573SG	CCV	ug/L	1000	114 %	80-120	
			CCV	ug/L	500.0	117 %	80-120	
Cyanazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	97.3 %	70-130	
			BS	ug/L	2.500	80.1 %	41-152	
			BSD	ug/L	2.500	71.6 %	41-152	
			BSRPD	ug/L	12.50	0.21	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	119 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
Diazinon	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	93.7 %	70-130	
			BS	ug/L	2.500	80.4 %	56-128	
			BSD	ug/L	2.500	94.3 %	56-128	
			BSRPD	ug/L	12.50	0.35	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	114 %	80-120	
			CCV	ug/L	500.0	117 %	80-120	
Dimethoate	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	86.9 %	70-130	
			BS	ug/L	2.500	75.5 %	49-168	
			BSD	ug/L	2.500	71.1 %	49-168	
			BSRPD	ug/L	12.50	0.11	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	111 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
EPN/Triphenylphosphate	507	10/05/15:211579CCG	Blank	ug/L	12.50	77.7 %	70-130	

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic EPN/Triphenylphosphate	507	10/05/15:211579CCG	LCS	ug/L	12.50	76.9 %	70-130	436 436
			BS	ug/L	12.50	65.8 %	70-130	
			BSD	ug/L	12.50	58.5 %	70-130	
			BSRPD	ug/L	12.50	11.7%	≤30	
Metolachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	90.8 %	70-130	
			BS	ug/L	2.500	72.0 %	45-154	
			BSD	ug/L	2.500	77.2 %	45-154	
			BSRPD	ug/L	12.50	0.13	≤1	
	507	10/07/15:214573SG	CCV	ug/L	1000	106 %	80-120	
Metribuzin	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	96.8 %	70-130	
			BS	ug/L	2.500	83.4 %	30-169	
			BSD	ug/L	2.500	81.5 %	30-169	
			BSRPD	ug/L	12.50	0.048	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	115 %	80-120	
Molinate	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	81.1 %	70-130	
			BS	ug/L	2.500	71.3 %	19-191	
			BSD	ug/L	2.500	87.9 %	19-191	
			BSRPD	ug/L	12.50	0.42	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	97.2 %	80-120	
Prometryne	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	88.2 %	70-130	
			BS	ug/L	2.500	62.9 %	44-152	
			BSD	ug/L	2.500	74.2 %	44-152	
			BSRPD	ug/L	12.50	0.28	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	112 %	80-120	
Propachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	83.0 %	70-130	
			BS	ug/L	2.500	70.8 %	36-179	
			BSD	ug/L	2.500	87.2 %	36-179	
			BSRPD	ug/L	12.50	0.41	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	100 %	80-120	
Simazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	86.6 %	70-130	
			BS	ug/L	2.500	76.0 %	49-167	
			BSD	ug/L	2.500	77.5 %	49-167	
			BSRPD	ug/L	12.50	0.037	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	109 %	80-120	
Thiobencarb	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	92.6 %	70-130	
			BS	ug/L	2.500	79.9 %	50-148	
			BSD	ug/L	2.500	80.6 %	50-148	
			BSRPD	ug/L	12.50	0.017	≤1	
	507	10/07/15:214573SG	CCV	ug/L	1000	113 %	80-120	
Triphenylphosphate	507	10/07/15:214573SG	CCV	ug/L	500.0	112 %	80-120	
					7501	111 %	80-120	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Triphenylphosphate	507	10/07/15:214573SG	CCV	ug/L	2500	115 %	80-120	
2,4,5-T	515.3	10/06/15:214557SG	CCV	ug/L	40.00	129 %	70-130	
			CCV	ug/L	80.00	105 %	70-130	
2,4,5-TP (Silvex)	515.3	10/02/15:211491SG (STK1550788-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	104 %	70-130	
			MS	ug/L	4.000	117 %	70-130	
			MSD	ug/L	4.000	92.9 %	70-130	
			MSRPD	ug/L	20.00	0.95	≤1	
2,4,5-Trichlorophenoxyacetic A	515.3	10/06/15:214557SG (STK1550788-001)	CCV	ug/L	40.00	117 %	70-130	
			CCV	ug/L	80.00	100 %	70-130	
			Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	107 %	70-130	
			MS	ug/L	4.000	119 %	70-130	
2,4-D	515.3	10/02/15:211491SG (STK1550788-001)	MSD	ug/L	4.000	94.8 %	70-130	
			MSRPD	ug/L	20.00	0.98	≤1	
			Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	127 %	70-130	
			MS	ug/L	8.000	127 %	70-130	
2,4-DCAA	515.3	10/02/15:211491SG (STK1550788-001)	MSD	ug/L	8.000	112 %	70-130	
			MSRPD	ug/L	20.00	1.2	≤2	
			CCV	ug/L	80.00	144 %	70-130	360
			CCV	ug/L	160.0	115 %	70-130	
			Blank	ug/L	20.00	71.1 %	70-130	
Bentazon	515.3	10/02/15:211491SG (STK1550788-001)	LCS	ug/L	20.00	80.3 %	70-130	
			MS	ug/L	20.00	88.6 %	N/A	
			MSD	ug/L	20.00	72.3 %	N/A	
			MSRPD	ug/L	20.00	20.3%	≤30.	
			CCV	ug/L	200.0	91.2 %	70-130	
Dalapon	515.3	10/06/15:214557SG (STK1550788-001)	CCV	ug/L	400.0	96.2 %	70-130	
			Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	113 %	70-130	
			MS	ug/L	8.000	126 %	70-130	
			MSD	ug/L	8.000	94.2 %	70-130	
Dicamba	515.3	10/02/15:211491SG (STK1550788-001)	MSRPD	ug/L	20.00	2.5	≤2	435
			CCV	ug/L	80.00	127 %	70-130	
			CCV	ug/L	160.0	108 %	70-130	
			Blank	ug/L		2.6	10	
			LCS	ug/L	52.00	94.1 %	70-130	
Dinoseb	515.3	10/02/15:211491SG (STK1550788-001)	MS	ug/L	52.00	92.3 %	70-130	
			MSD	ug/L	52.00	88.6 %	70-130	
			MSRPD	ug/L	20.00	1.9	≤10	
			CCV	ug/L	520.0	99.6 %	70-130	
			CCV	ug/L	1040	105 %	70-130	
Dinoseb	515.3	10/06/15:214557SG (STK1550788-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	114 %	70-130	
			MS	ug/L	4.000	130 %	70-130	
			MSD	ug/L	4.000	111 %	70-130	
			MSRPD	ug/L	20.00	0.73	≤1	
Dinoseb	515.3	10/02/15:211491SG (STK1550788-001)	CCV	ug/L	40.00	133 %	70-130	360
			CCV	ug/L	80.00	116 %	70-130	
			Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	97.6 %	70-130	
			MS	ug/L	8.000	104 %	70-130	
Dinoseb	515.3	10/02/15:211491SG (STK1550788-001)	MSD	ug/L	8.000	82.8 %	70-130	

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Organic Dinoseb	515.3	10/02/15:211491SG	MSRPD	ug/L	20.00	22.4%	≤30.0	
	515.3	10/06/15:214557SG	CCV CCV	ug/L ug/L	80.00 160.0	110 % 95.8 %	70-130 70-130	
Pentachlorophenol	515.3	10/02/15:211491SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	4.000 4.000 4.000 20.00	ND 118 % 133 % 106 % 22.7%	<0.2 70-130 70-130 70-130 ≤30.0	435
	515.3	10/06/15:214557SG	CCV CCV	ug/L ug/L	40.00 80.00	132 % 114 %	70-130 70-130	360
Picloram	515.3	10/02/15:211491SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	4.000 4.000 4.000 20.00	ND 77.6 % 90.8 % 75.8 % 0.60	<1 70-130 70-130 70-130 ≤1	
	515.3	10/06/15:214557SG	CCV CCV	ug/L ug/L	40.00 80.00	88.6 % 78.1 %	70-130 70-130	
1,1,1,2-Tetrachloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 126 % 126 % 0.1%	<0.5 12-178 12-178 ≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	132 %	70-130	360
1,1,1-Trichloroethane(TCA)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 122 % 126 % 3.4%	<0.5 9-176 9-176 ≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	130 %	70-130	
1,1,2,2-Tetrachloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 108 % 103 % 5.0%	<0.5 23-180 23-180 ≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
1,1,2-Trichloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 114 % 109 % 4.5%	<0.5 25-173 25-173 ≤29	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	123 %	70-130	
1,1-Dichloroethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 85.5 % 86.2 % 0.9%	<0.5 15-161 15-161 ≤36	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	90.3 %	70-130	
1,1-Dichloroethylene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 73.0 % 78.6 % 7.4%	<0.5 0-162 0-162 ≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	79.6 %	70-130	
1,1-Dichloropropene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 102 % 107 % 4.5%	<0.5 0-171 0-171 ≤31	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	111 %	70-130	
1,2,3-Trichlorobenzene	524.2	10/08/15:211795VRG	Blank MS	ug/L ug/L	10.00	ND 115 %	<0.5 14-181	

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Organic								
1,2,3-Trichlorobenzene	524.2	(SP 1510822-001)	MSD	ug/L	10.00	123 %	14-181	
			MSRPD	ug/L	10.00	6.5%	≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	105 %	70-130	
1,2,4-Trichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	117 %	10-180	
			MSD	ug/L	10.00	122 %	10-180	
			MSRPD	ug/L	10.00	4.3%	≤32	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	111 %	70-130	
1,2,4-Trimethylbenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	108 %	2-192	
			MSD	ug/L	10.00	107 %	2-192	
			MSRPD	ug/L	10.00	0.8%	≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	116 %	70-130	
1,2-Dichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	114 %	13-191	
			MSD	ug/L	10.00	112 %	13-191	
			MSRPD	ug/L	10.00	1.7%	≤35	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	119 %	70-130	
1,2-Dichlorobenzene-d4	524.2	10/08/15:211795VRG	Blank	ug/L	10.00	105 %	70-130	
		(SP 1510822-001)	MS	ug/L	10.00	111 %	70-130	
			MSD	ug/L	10.00	115 %	70-130	
			MSRPD	ug/L	10.00	3.5%	≤20	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	113 %	70-130	
1,2-Dichloroethane (EDC)	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	105 %	18-162	
			MSD	ug/L	10.00	103 %	18-162	
			MSRPD	ug/L	10.00	2.7%	≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
1,2-Dichloropropane	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	93.3 %	10-163	
			MSD	ug/L	10.00	93.1 %	10-163	
			MSRPD	ug/L	10.00	0.2%	≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	101 %	70-130	
1,3,5-Trimethylbenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	115 %	0-210	
			MSD	ug/L	10.00	113 %	0-210	
			MSRPD	ug/L	10.00	1.7%	≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	120 %	70-130	
1,3-Dichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	113 %	17-182	
			MSD	ug/L	10.00	109 %	17-182	
			MSRPD	ug/L	10.00	2.9%	≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	119 %	70-130	
1,3-Dichloropropane	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	125 %	0-178	
			MSD	ug/L	10.00	122 %	0-178	
			MSRPD	ug/L	10.00	2.7%	≤29	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	135 %	70-130	360
1,4-Dichlorobenzene	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
		(SP 1510822-001)	MS	ug/L	10.00	114 %	19-183	
			MSD	ug/L	10.00	111 %	19-183	
			MSRPD	ug/L	10.00	3.3%	≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	121 %	70-130	
2,2-Dichloropropane	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	

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Organic 2,2-Dichloropropane	524.2	(SP 1510822-001)	MS	ug/L	10.00	109 %	0-288	
			MSD	ug/L	10.00	112 %	0-288	
			MSRPD	ug/L	10.00	2.5%	≤33	
2-Chlorotoluene	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	115 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	115 %	17-180	
4-Bromofluorobenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	112 %	17-180	
			MSRPD	ug/L	10.00	2.6%	≤38	
			CCV	ug/L	10.00	121 %	70-130	
4-Bromofluorobenzene (BFB)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L	10.00	109 %	70-130	
			MS	ug/L	10.00	114 %	70-130	
			MSD	ug/L	10.00	115 %	70-130	
4-Chlorotoluene	524.2	10/08/15:211795VRG (SP 1510822-001)	MSRPD	ug/L	10.00	0.6%	≤30	
			CCV	ug/L	10.00	115 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
Benzene	524.2	10/08/15:211795VRG (SP 1510822-001)	MS	ug/L	10.00	115 %	11-177	
			MSD	ug/L	10.00	111 %	11-177	
			MSRPD	ug/L	10.00	3.7%	≤41	
Bromobenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	120 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	106 %	12-158	
Bromochloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	107 %	12-158	
			MSRPD	ug/L	10.00	0.4%	≤36	
			CCV	ug/L	10.00	113 %	70-130	
Bromodichloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	127 %	23-177	
			MSD	ug/L	10.00	124 %	23-177	
Bromoform	524.2	10/08/15:211795VRG (SP 1510822-001)	MSRPD	ug/L	10.00	2.3%	≤40	
			CCV	ug/L	10.00	134 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
Bromomethane (Methyl Bromide)	524.2	10/08/15:211795VRG (SP 1510822-001)	MS	ug/L	10.00	116 %	4-186	
			MSD	ug/L	10.00	110 %	4-186	
			MSRPD	ug/L	10.00	5.3%	≤30	
Carbon Tetrachloride	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	121 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	135 %	11-164	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	133 %	11-164	
			MSRPD	ug/L	10.00	1.3%	≤34	
			CCV	ug/L	10.00	143 %	70-130	360
	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	206 %	0-235	
			MSD	ug/L	10.00	192 %	0-235	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MSRPD	ug/L	10.00	6.8%	≤39	
			CCV	ug/L	10.00	216 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MS	ug/L	10.00	139 %	0-196	
			MSD	ug/L	10.00	208 %	0-196	435
			MSRPD	ug/L	10.00	39.8%	≤40	
	524.2	10/08/15:211795VRG (SP 1510822-001)	CCV	ug/L	10.00	148 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	121 %	5-175	
	524.2	10/08/15:211795VRG (SP 1510822-001)	MSD	ug/L	10.00	127 %	5-175	
			MSRPD	ug/L	10.00	4.8%	≤32	
			CCV	ug/L	10.00	128 %	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Chlorobenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 121 % 122 % 0.2%	<0.5 14-175 14-175 ≤35	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	130 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 122 % 179 % 38.4%	<0.5 0-184 0-184 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	124 %	70-130	
Chloroform	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 121 % 121 % 0.2%	<0.5 15-163 15-163 ≤36	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	128 %	70-130	
Chloromethane(Methyl Chloride)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 89.1 % 134 % 40.3%	<0.5 0-224 0-224 ≤39	435
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	94.0 %	70-130	
cis-1,2-Dichloroethylene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 105 % 107 % 1.5%	<0.5 16-172 16-172 ≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
cis-1,3-Dichloropropene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 132 % 129 % 2.6%	<0.5 5-158 5-158 ≤38	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	141 %	70-130	360
Dibromochloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 165 % 161 % 2.7%	<0.5 1-180 1-180 ≤34	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	175 %	70-130	360
Dibromomethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 107 % 102 % 4.8%	<0.5 11-168 11-168 ≤28	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	116 %	70-130	
Dichlorodifluoromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 148 % 206 % 32.7%	<0.5 0-334 0-334 ≤39	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	155 %	70-130	360
Dichloromethane	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 93.5 % 94.3 % 0.8%	<0.5 20-157 20-157 ≤36	
	524.2	10/08/15:211795VRG	CCV	ug/L	10.00	103 %	70-130	
Ethyl tert-Butyl Ether	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 98.8 % 92.9 % 0.58	<3 11-165 11-165 ≤3	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	103 %	70-130	

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Organic Ethylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 114 % 114 % 0.2%	<0.5 9-174 9-174 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	122 %	70-130	
Freon-11	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 155 % 232 % 39.7%	<0.5 0-232 0-232 ≤35	435
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	153 %	70-130	360
Hexachlorobutadiene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 151 % 160 % 5.6%	<0.5 14-200 14-200 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	153 %	70-130	360
Isopropyl Ether	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 66.9 % 65.9 % 0.11	<3 8-165 8-165 ≤3	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	70.1 %	70-130	
Isopropylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 117 % 119 % 1.7%	<0.5 4-159 4-159 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	123 %	70-130	
Methyl tert-Butyl Ether	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	121 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 117 % 110 % 6.6%	<1.0 11-168 11-168 ≤29	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	101 %	70-130	
Methylene Chloride	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 96.1 % 101 % 4.8%	<0.5 0-189 0-189 ≤32	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	89.1 %	70-130	
Naphthalene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 96.1 % 101 % 4.8%	<0.5 0-189 0-189 ≤32	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	89.1 %	70-130	
n-Butylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 92.2 % 92.0 % 0.2%	<0.5 4-186 4-186 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	95.8 %	70-130	
n-Propylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 105 % 104 % 1.0%	<0.5 0-174 0-174 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	111 %	70-130	
p-Isopropyltoluene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 110 % 111 % 0.9%	<0.5 0-193 0-193 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	114 %	70-130	
sec-Butylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 105 % 109 % 2.9%	<0.5 0-177 0-177 ≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	114 %	70-130	

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Organic								
sec-Butylbenzene	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	112 %	70-130	
Styrene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	0-198	
			MSD	ug/L	10.00	114 %	0-198	
			MSRPD	ug/L	10.00	2.0%	≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	126 %	70-130	
TAME	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	127 %	15-162	
			MSD	ug/L	10.00	122 %	15-162	
			MSRPD	ug/L	10.00	0.50	≤3	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	133 %	70-130	360
tert-Butylbenzene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	9-179	
			MSD	ug/L	10.00	123 %	9-179	
			MSRPD	ug/L	10.00	3.9%	≤38	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	126 %	30-130	
Tetrachloroethylene (PCE)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	139 %	14-186	
			MSD	ug/L	10.00	138 %	14-186	
			MSRPD	ug/L	10.00	1.1%	≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	150 %	70-130	360
Toluene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	3-174	
			MSD	ug/L	10.00	119 %	3-174	
			MSRPD	ug/L	10.00	2.8%	≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	125 %	30-130	
trans-1,2-Dichloroethylene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.8 %	5-165	
			MSD	ug/L	10.00	98.0 %	5-165	
			MSRPD	ug/L	10.00	3.4%	≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	102 %	70-130	
trans-1,3-Dichloropropene	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	0-169	
			MSD	ug/L	10.00	126 %	0-169	
			MSRPD	ug/L	10.00	2.3%	≤31	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	141 %	70-130	360
Trichloroethylene (TCE)	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	11-167	
			MSD	ug/L	10.00	118 %	11-167	
			MSRPD	ug/L	10.00	1.7%	≤35	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	124 %	70-130	
Trichlorofluoromethane F-11	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	164 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.7 %	0-183	
			MSD	ug/L	10.00	79.5 %	0-183	
			MSRPD	ug/L	10.00	8.6%	≤33	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	94.4 %	70-130	
Vinyl Chloride	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	0-208	
			MSD	ug/L	10.00	170 %	0-208	
			MSRPD	ug/L	10.00	40.0%	≤40	
	524.2	10/08/15:214755VRG	CCV	ug/L	10.00	119 %	30-130	
Xylenes m,p	524.2	10/08/15:211795VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	118 %	0-193	

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Organic Xylenes m,p	524.2	(SP 1510822-001)	MSD MSRPD	ug/L ug/L	20.00 10.00	117 % 1.0%	0-193 ≤37	
	524.2	10/08/15:214755VRG	CCV	ug/L	20.00	126 %	70-130	
Xylenes o	524.2	10/08/15:211795VRG (SP 1510822-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	0-188	
			MSD	ug/L	10.00	119 %	0-188	
			MSRPD	ug/L	10.00	0.08%	≤36	
3-Hydroxycarbofuran	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	102 %	65-135	
			MSD	ug/L	20.00	99.6 %	65-135	
			MSRPD	ug/L	20.00	2.2%	≤16.8	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	95.9 % 106 %	80-120 80-120	
Aldicarb	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	94.1 %	80-120	
			MS	ug/L	20.00	96.5 %	65-135	
			MSD	ug/L	20.00	104 %	65-135	
			MSRPD	ug/L	20.00	7.5%	≤11.2	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	80.1 % 89.1 %	80-120 80-120	
Aldicarb Sulfone	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	90.0 % 116 %	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	10/05/15:211586SG (STK1550788-001) (STK1550788-001)	Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	108 %	80-120	
			LCS	ug/L	20.00	108 %	80-120	
			MS	ug/L	20.00	111 %	65-135	
			MS	ug/L	20.00	112 %	65-135	
			MSD	ug/L	20.00	116 %	65-135	
			MSD	ug/L	20.00	115 %	65-135	
			MSRPD	ug/L	20.00	3.8%	≤7.28	
			MSRPD	ug/L	20.00	3.3%	≤13.8	
Aldicarb Sulfoxide	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	94.4 % 106 %	80-120 80-120	
Carbaryl	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	105 % 117 %	80-120 80-120	
Carbaryl/Naphthol	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	109 %	80-120	
			MS	ug/L	20.00	115 %	65-135	
			MSD	ug/L	20.00	119 %	65-135	
			MSRPD	ug/L	20.00	0.79	≤5	
Carbofuran	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	105 %	65-135	
			MSD	ug/L	20.00	107 %	65-135	
			MSRPD	ug/L	20.00	0.49	≤5	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	82.0 % 86.1 %	80-120 80-120	
Methomyl	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	115 %	80-120	
			MS	ug/L	20.00	116 %	65-135	
			MSD	ug/L	20.00	108 %	65-135	

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Organic Methomyl	531.1	10/05/15:211586SG	MSRPD	ug/L	20.00	7.1%	≤53.1	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	102 % 106 %	80-120 80-120	
Oxamyl	531.1	10/05/15:211586SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 99.4 % 99.9 % 101 % 0.25	<5 80-120 65-135 65-135 ≤5	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	107 % 109 %	80-120 80-120	
TOC	5310C	10/02/15:211193AMM	Blank BS BSD BSRPD	mg/L mg/L mg/L mg/L	15.00 15.00 15.00 15.00	ND 104 % 103 % 0.8%	<0.5 75-125 75-125 ≤23.0	
	5310C	10/03/15:214409AMM	CCV CCV	ppm ppm	15.00 15.00	102 % 98.1 %	67-122 67-122	
Glyphosate	547	09/30/15:211389SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	200.0 200.0 200.0 200.0 200.0	ND 110 % 111 % 109 % 1.4%	<20 71-129 56-139 56-139 ≤15	
	547	09/30/15:214266SG	CCV CCV	ug/L ug/L	200.0 100.0	102 % 108 %	80-120 80-120	
Endothall	548.1	09/29/15:211326SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	83.33 83.33 83.33 83.33 83.33	ND 61.9 % 26.9 % 25.6 % 1.0	<40 30-96 15-87 15-87 ≤40	
	548.1	10/07/15:214645SG	CCV CCV	ug/L ug/L	2500 1000	104 % 109 %	70-130 70-130	
Diquat Dibromide	549	09/29/15:211324SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 87.6 % 47.3 % 60.6 % 24.7%	<2 34-114 0-86 0-86 ≤13	435
	549.2	10/08/15:214717SG	CCV CCV	ug/L ug/L	1000 500.0	91.2 % 93.0 %	80-120 80-120	
2,3-Dibromopropionic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000 5.000	97.5 % 83.4 % 119 % 130 % 8.8%	70-130 70-130 70-130 70-130 ≤20.0	
Dibromoacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 111 % 129 % 153 % 14.3%	<1 70-130 70-130 70-130 ≤20.0	435
Dichloroacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 113 % 134 % 154 % 14.1%	<1 70-130 70-130 70-130 ≤20.0	435 435
Monobromoacetic Acid	552	09/30/15:211368SBL	Blank LCS	ug/L ug/L	10.00	ND 108 %	<1 70-130	

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Organic								
Monobromoacetic Acid	552	(CC 1583275-001)	MS	ug/L	10.00	201 %	70-130	435
			MSD	ug/L	10.00	224 %	70-130	435
			MSRPD	ug/L	5.000	10.4%	≤20.0	
Monochloroacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	113 %	70-130	
			MS	ug/L	10.00	255 %	70-130	435
			MSD	ug/L	10.00	289 %	70-130	435
			MSRPD	ug/L	5.000	12.7%	≤20.0	
Trichloroacetic Acid	552	09/30/15:211368SBL (CC 1583275-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	115 %	70-130	
			MS	ug/L	10.00	103 %	70-130	
			MSD	ug/L	10.00	135 %	70-130	435
			MSRPD	ug/L	5.000	26.9%	≤20.0	435
2,3-Dibromopropionic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	75.00	70.9 %	70-130	
			CCV	ug/L	50.00	91.2 %	70-130	
Dibromoacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	112 %	70-130	
			CCV	ug/L	100.0	115 %	70-130	
Dichloroacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	111 %	70-130	
			CCV	ug/L	100.0	120 %	70-130	
Monobromoacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	101 %	70-130	
			CCV	ug/L	100.0	114 %	70-130	
Monochloroacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	98.6 %	70-130	
			CCV	ug/L	100.0	119 %	70-130	
Trichloroacetic Acid	552.2	10/02/15:214298SBL	CCV	ug/L	150.0	113 %	70-130	
			CCV	ug/L	100.0	125 %	70-130	
Chlordane	608	10/01/15:211432CCG	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	0.5005	80.3 %	26-141	
			BS	ug/L	0.5005	74.3 %	26-141	
			BSD	ug/L	0.5005	67.4 %	26-141	
			BSRPD	ug/L	0.5005	72.2 %	26-141	
	608	10/03/15:214403SBL	CCV	ug/L	50.05	6.8%	≤29	
			CCV	ug/L	100.1	96.9 %	85-115	
			CCV	ug/L	100.1	86.2 %	85-115	
Toxaphene	608	10/01/15:211432CCG	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	101 %	66-191	
			MSD	ug/L	10.00	98.6 %	66-191	
	624	10/01/15:214611VRG	MSRPD	ug/L	10.00	2.4%	≤21	
1,1,2,2-Tetrachloroethane	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	95.2 %	75-125	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	30-180	
	624	10/01/15:214611VRG	MSD	ug/L	10.00	113 %	30-180	
1,1,2-Trichloroethane	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	1.4%	≤19	
			CCV	ug/L	10.00	116 %	60-140	
			Blank	ug/L		ND	<0.5	
1,1,2-Trichloroethane	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	10.00	71.7 %	50-146	
			MSD	ug/L	10.00	67.7 %	50-146	

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Organic								
1,1,2-Trichloroethane	624	10/01/15:211684VRG	MSRPD	ug/L	10.00	5.7%	≤25	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	76.1 %	71-129	
1,1-Dichloroethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.8 %	63-159	
			MSD	ug/L	10.00	89.9 %	63-159	
			MSRPD	ug/L	10.00	2.1%	≤22	
1,1-Dichloroethylene	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	93.0 %	72-128	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.8 %	0-279	
			MSD	ug/L	10.00	71.7 %	0-279	
1,2-Dichlorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	MSRPD	ug/L	10.00	2.6%	≤36	
			CCV	ug/L	10.00	61.6 %	51-150	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	57-153	
1,2-Dichloroethane (EDC)	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	112 %	57-153	
			MSRPD	ug/L	10.00	0.8%	≤26	
			CCV	ug/L	10.00	114 %	63-137	
			Blank	ug/L		ND	<0.5	
1,2-Dichloropropane	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	10.00	93.9 %	56-158	
			MSD	ug/L	10.00	96.8 %	56-158	
			MSRPD	ug/L	10.00	3.0%	≤24	
			CCV	ug/L	10.00	106 %	68-132	
1,3-Dichlorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.1 %	55-152	
			MSD	ug/L	10.00	66.5 %	55-152	
			MSRPD	ug/L	10.00	10.9%	≤23	
1,4-Dichlorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	10.00	73.6 %	34-166	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	112 %	53-159	
			MSD	ug/L	10.00	107 %	53-159	
2-Butanone (MEK)	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	4.5%	≤28	
			CCV	ug/L	10.00	111 %	73-127	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	53-161	
2-Chloroethylvinyl ether	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	118 %	53-161	
			MSRPD	ug/L	10.00	0.008%	≤27	
			CCV	ug/L	10.00	120 %	63-137	
			Blank	ug/L		ND	<40	
2-Hexanone	624	10/01/15:214611VRG (SP 1510788-005)	MS	ug/L	40.00	224 %	0-211	435
			MSD	ug/L	40.00	223 %	0-211	435
			MSRPD	ug/L	10.00	0.33	≤40	
			CCV	ug/L	40.00	400 %	20-230	360
4-Bromofluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L		ND	<10	
			MS	ug/L	40.00	18.6 %	0-11	435
			MSD	ug/L	40.00	17.6 %	0-11	435
			MSRPD	ug/L	10.00	0.41	≤10	
4-Bromofluorobenzene	624	10/01/15:214611VRG (SP 1510788-005)	CCV	ug/L	40.00	31.9 %	0-224	
			Blank	ug/L		ND	<30	
			MS	ug/L	40.00	21.6 %	0-190	
			MSD	ug/L	40.00	21.3 %	0-190	
4-Bromofluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	0.14	≤30	
			CCV	ug/L	40.00	33.4 %	20-283	
4-Bromofluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L	10.00	105 %	70-161	
			MS	ug/L	10.00	101 %	58-151	

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Organic								
4-Bromofluorobenzene	624	(SP 1510788-005)	MSD	ug/L	10.00	101 %	58-151	
			MSRPD	ug/L	10.00	0.3%	≤14	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	96.6 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	10/01/15:211684VRG	Blank	ug/L		ND	<30	
		(SP 1510788-005)	MS	ug/L	40.00	20.1 %	0-194	
			MSD	ug/L	40.00	19.1 %	0-194	
			MSRPD	ug/L	10.00	0.42	≤30	
	624	10/01/15:214611VRG	CCV	ug/L	40.00	33.1 %	20-233	
Acetone	624	10/01/15:211684VRG	Blank	ug/L		ND	<25	
		(SP 1510788-005)	MS	ug/L	40.00	212 %	0-270	
			MSD	ug/L	40.00	205 %	0-270	
			MSRPD	ug/L	10.00	2.8	≤25	
	624	10/01/15:214611VRG	CCV	ug/L	40.00	357 %	20-367	
Acrolein	624	10/01/15:211684VRG	Blank	ug/L		ND	<5	
		(SP 1510788-005)	MS	ug/L	200.0	102 %	0-171	
			MSD	ug/L	200.0	106 %	0-171	
			MSRPD	ug/L	10.00	3.5%	≤50	
	624	10/01/15:214611VRG	CCV	ug/L	200.0	130 %	20-209	
Acrylonitrile	624	10/01/15:211684VRG	Blank	ug/L		ND	<2	
		(SP 1510788-005)	MS	ug/L	200.0	180 %	0-244	
			MSD	ug/L	200.0	184 %	0-244	
			MSRPD	ug/L	10.00	2.0%	≤47	
	624	10/01/15:214611VRG	CCV	ug/L	200.0	197 %	20-278	
Benzene	624	10/01/15:211684VRG	Blank	ug/L		ND	<0.5	
		(SP 1510788-005)	MS	ug/L	10.00	93.6 %	65-155	
			MSD	ug/L	10.00	93.0 %	65-155	
			MSRPD	ug/L	10.00	0.7%	≤21	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	95.6 %	64-136	
Bromodichloromethane	624	10/01/15:211684VRG	Blank	ug/L		ND	<0.5	
		(SP 1510788-005)	MS	ug/L	10.00	71.1 %	62-150	
			MSD	ug/L	10.00	66.9 %	62-150	
			MSRPD	ug/L	10.00	6.1%	≤22	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	73.9 %	65-135	
Bromoform	624	10/01/15:211684VRG	Blank	ug/L		ND	<0.5	
		(SP 1510788-005)	MS	ug/L	10.00	113 %	64-150	
			MSD	ug/L	10.00	113 %	64-150	
			MSRPD	ug/L	10.00	0.1%	≤16	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	125 %	71-129	
Bromomethane (Methyl Bromide)	624	10/01/15:211684VRG	Blank	ug/L		ND	<1.0	
		(SP 1510788-005)	MS	ug/L	10.00	174 %	48-196	
			MSD	ug/L	10.00	167 %	48-196	
			MSRPD	ug/L	10.00	3.9%	≤24	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	172 %	14-186	
Carbon Disulfide	624	10/01/15:211684VRG	Blank	ug/L		ND	<5	
		(SP 1510788-005)	MS	ug/L	40.00	25.3 %	0-230	
			MSD	ug/L	40.00	24.6 %	0-230	
			MSRPD	ug/L	10.00	0.26	≤5	
	624	10/01/15:214611VRG	CCV	ug/L	40.00	35.8 %	20-242	
Carbon Tetrachloride	624	10/01/15:211684VRG	Blank	ug/L		ND	<0.5	
		(SP 1510788-005)	MS	ug/L	10.00	103 %	69-206	
			MSD	ug/L	10.00	99.3 %	69-206	
			MSRPD	ug/L	10.00	3.2%	≤19	
	624	10/01/15:214611VRG	CCV	ug/L	10.00	95.1 %	73-127	
Chlorobenzene	624	10/01/15:211684VRG	Blank	ug/L		ND	<0.5	

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Organic Chlorobenzene	624	(SP 1510788-005)	MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	72.9 % 67.3 % 8.1%	69-152 69-152 ≤24	435
	624	10/01/15:211684VRG	CCV	ug/L	10.00	73.6 %	66-134	
Chloroethane (Ethyl Chloride)	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 164 % 160 % 2.8%	<0.5 53-214 53-214 ≤32	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	168 %	38-162	360
Chloroform	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 98.3 % 98.2 % 0.05%	<0.5 55-155 55-155 ≤22	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	105 %	67-133	
Chloromethane(Methyl Chloride)	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 148 % 146 % 1.0%	<0.5 33-202 33-202 ≤25	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	156 %	0-204	
cis-1,3-Dichloropropene	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 79.8 % 74.6 % 6.8%	<0.5 59-142 59-142 ≤23	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	82.6 %	24-176	
Dibromochloromethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 70.4 % 67.8 % 3.7%	<0.5 53-151 53-151 ≤25	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	75.5 %	67-133	
Dichloromethane	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 78.3 % 0.039	<2 24-207 24-207 ≤2	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	82.1 %	60-139	
Ethylbenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 122 % 121 % 1.0%	<0.5 45-194 45-194 ≤31	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	115 %	59-141	
Fluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	93.6 % 92.9 % 94.8 % 2.1%	72-139 90-121 90-121 ≤3	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	94.7 %	70-130	
Freon-11	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 197 % 187 % 5.0%	<2.0 57-259 57-259 ≤27	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	180 %	48-152	360
Methyl tert-Butyl Ether (MTBE)	624	10/01/15:211684VRG (SP 1510788-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 103 % 104 % 0.11	<5 26-210 26-210 ≤5	
	624	10/01/15:211684VRG	CCV	ug/L	10.00	109 %	63-178	

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Organic Pentafluorobenzene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L	10.00	95.9 %	59-151	
			MS	ug/L	10.00	95.9 %	74-148	
			MSD	ug/L	10.00	95.9 %	74-148	
			MSRPD	ug/L	10.00	0.03%	≤10	
Styrene	624	10/01/15:211684VRG (SP 1510788-005)	CCV	ug/L	10.00	95.1 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	119 %	6-195	
			MSD	ug/L	10.00	119 %	6-195	
Tetrachloroethylene (PCE)	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	0.1%	≤25	
			CCV	ug/L	10.00	120 %	67-158	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	79.7 %	63-171	
Toluene	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	72.5 %	63-171	
			MSRPD	ug/L	10.00	9.5%	≤26	
			CCV	ug/L	10.00	73.0 %	73-127	
			Blank	ug/L	10.00	ND	<0.5	
trans-1,2-Dichloroethylene	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	10.00	77.3 %	65-160	
			MSD	ug/L	10.00	71.0 %	65-160	
			MSRPD	ug/L	10.00	8.5%	≤25	
			CCV	ug/L	10.00	75.0 %	74-126	
trans-1,3-Dichloropropene	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	89.4 %	68-179	
			MSD	ug/L	10.00	88.0 %	68-179	
			MSRPD	ug/L	10.00	1.5%	≤51	
Trichloroethylene (TCE)	624	10/01/15:211684VRG (SP 1510788-005)	CCV	ug/L	10.00	84.3 %	69-131	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	71.5 %	55-148	
			MSD	ug/L	10.00	67.5 %	55-148	
Vinyl Acetate	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	5.7%	≤25	
			CCV	ug/L	10.00	76.2 %	50-150	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	101 %	54-178	
Vinyl Chloride	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	97.0 %	54-178	
			MSRPD	ug/L	10.00	4.4%	≤22	
			CCV	ug/L	10.00	101 %	66-134	
			Blank	ug/L	10.00	ND	<10	
Xylenes m,p	624	10/01/15:211684VRG (SP 1510788-005)	MS	ug/L	40.00	279 %	0-331	
			MSD	ug/L	40.00	289 %	0-331	
			MSRPD	ug/L	10.00	3.8%	≤44	
			CCV	ug/L	40.00	482 %	20-393	360
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	178 %	32-217	
			MSD	ug/L	10.00	168 %	32-217	
			MSRPD	ug/L	10.00	5.7%	≤26	
Xylenes m,p	624	10/01/15:211684VRG (SP 1510788-005)	CCV	ug/L	10.00	172 %	4-196	
			Blank	ug/L	20.00	ND	<1.0	
			MS	ug/L	20.00	116 %	50-181	
			MSD	ug/L	20.00	117 %	50-181	
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	MSRPD	ug/L	10.00	1.6%	≤30	
			CCV	ug/L	20.00	110 %	45-170	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	113 %	38-182	
Xylenes o	624	10/01/15:211684VRG (SP 1510788-005)	MSD	ug/L	10.00	112 %	38-182	
			MSRPD	ug/L	10.00	0.6%	≤29	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	113 %	38-182	

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Organic								
Xylenes o	624	10/01/15:214611VRG	CCV	ug/L	10.00	112 %	63-163	
1,2,4-Trichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	72.0 %	21-90	
			BS	ug/L	20.00	54.8 %	21-90	
			BSD	ug/L	20.00	59.7 %	21-90	
			BSRPD	ug/L	20.00	8.6%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
1,2-Dichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	69.4 %	22-90	
			BS	ug/L	20.00	50.8 %	22-90	
			BSD	ug/L	20.00	55.8 %	22-90	
			BSRPD	ug/L	20.00	9.3%	≤51	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
1,2-Diphenylhydrazine	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.1 %	41-103	
			BS	ug/L	20.00	85.1 %	41-103	
			BSD	ug/L	20.00	74.3 %	41-103	
			BSRPD	ug/L	20.00	13.7%	≤26	
1,3-Dichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	65.2 %	22-86	
			BS	ug/L	20.00	44.5 %	22-86	
			BSD	ug/L	20.00	52.4 %	22-86	
			BSRPD	ug/L	20.00	16.2%	≤56	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
1,4-Dichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.4 %	23-83	
			BS	ug/L	20.00	46.4 %	23-83	
			BSD	ug/L	20.00	51.0 %	23-83	
			BSRPD	ug/L	20.00	9.4%	≤57	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
2,4,5-Trichlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	104 %	28-107	
			BS	ug/L	20.00	101 %	28-107	
			BSD	ug/L	20.00	93.7 %	28-107	
			BSRPD	ug/L	20.00	7.1%	≤25	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	70-130	
2,4,6-Tribromophenol	625	09/29/15:211138CCG	Blank	ug/L	20.00	56.1 %	18-105	
			LCS	ug/L	20.00	73.8 %	18-105	
			BS	ug/L	20.00	70.4 %	18-105	
			BSD	ug/L	20.00	64.6 %	18-105	
			BSRPD	ug/L	20.00	8.5%	≤21	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	362
2,4,6-Trichlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.7 %	29-109	
			BS	ug/L	20.00	91.8 %	29-109	
			BSD	ug/L	20.00	81.9 %	29-109	
			BSRPD	ug/L	20.00	11.3%	≤31	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	113 %	80-120	
2,4-Dichlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	113 %	26-105	310
			BS	ug/L	20.00	108 %	26-105	436
			BSD	ug/L	20.00	96.3 %	26-105	
			BSRPD	ug/L	20.00	11.7%	≤31	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	133 %	80-120	360

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Rincon Consultants, Inc.

Lab ID : SP 1510788
 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 2,4-Dimethylphenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	72.4 %	28-77	
			BS	ug/L	20.00	70.9 %	28-77	
			BSD	ug/L	20.00	61.0 %	28-77	
			BSRPD	ug/L	20.00	14.9%	≤39	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	360
2,4-Dinitrophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	62.4 %	27-74	
			BS	ug/L	20.00	58.6 %	27-74	
			BSD	ug/L	20.00	50.8 %	27-74	
			BSRPD	ug/L	20.00	1.5	≤5	
	625	10/08/15:214700SBL	CCV	mg/L	20.00	85.4 %	80-120	
2,4-Dinitrotoluene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.0 %	39-101	
			BS	ug/L	20.00	98.6 %	39-101	
			BSD	ug/L	20.00	89.4 %	39-101	
			BSRPD	ug/L	20.00	9.8%	≤23	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
2,6-Dinitrotoluene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.9 %	12-159	
			BS	ug/L	20.00	96.7 %	12-159	
			BSD	ug/L	20.00	87.3 %	12-159	
			BSRPD	ug/L	20.00	10.2%	≤20	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
2-Chlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	84.9 %	27-101	
			BS	ug/L	20.00	82.1 %	27-101	
			BSD	ug/L	20.00	70.5 %	27-101	
			BSRPD	ug/L	20.00	15.1%	≤43	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
2-Fluorobiphenyl	625	09/29/15:211138CCG	Blank	ug/L	10.00	52.7 %	15-91	
			LCS	ug/L	10.00	68.1 %	15-91	
			BS	ug/L	10.00	62.1 %	15-91	
			BSD	ug/L	10.00	54.6 %	15-91	
			BSRPD	ug/L	20.00	12.9%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	10.00	115 %	80-120	
2-Fluorophenol	625	09/29/15:211138CCG	Blank	ug/L	20.00	54.6 %	12-86	
			LCS	ug/L	20.00	63.7 %	12-86	
			BS	ug/L	20.00	61.5 %	12-86	
			BSD	ug/L	20.00	49.7 %	12-86	
			BSRPD	ug/L	20.00	21.3%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	121 %	80-120	362
2-Nitrophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	92.1 %	28-104	
			BS	ug/L	20.00	88.9 %	28-104	
			BSD	ug/L	20.00	79.9 %	28-104	
			BSRPD	ug/L	20.00	10.6%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
3,3-Dichlorobenzidine	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	102 %	0-106	
			BS	ug/L	20.00	109 %	0-106	
			BSD	ug/L	20.00	96.6 %	0-106	
			BSRPD	ug/L	20.00	12.5%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	128 %	80-120	360

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Rincon Consultants, Inc.

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
4,6-Dinitro-2-methylphenol	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 81.7 % 91.0 % 83.2 % 8.9%	<1 31-89 31-89 31-89 ≤36	436
4,6-Dinitro-o-cresol	625	10/06/15:214694VRG	CCV	mg/L	20.00	92.1 %	80-120	
4-Bromophenylphenylether	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 88.6 % 86.4 % 78.6 % 9.4%	<1 37-94 37-94 37-94 ≤23	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	107 %	80-120	
4-Nitrophenol	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 122 % 123 % 121 % 1.4%	<2 5-113 5-113 5-113 ≤45	310 436 436
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	360
Acenaphthene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 84.3 % 80.0 % 72.1 % 10.4%	<1 31-95 31-95 31-95 ≤38	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Acenaphthylene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 84.3 % 80.3 % 72.2 % 10.6%	<1 27-92 27-92 27-92 ≤37	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Anthracene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 91.3 % 90.6 % 82.5 % 9.4%	<1 32-98 32-98 32-98 ≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Azobenzene	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Benzidine	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 0.0 % 27.4 % 27.4 % 0.0032	<2 0-25 0-25 0-25 ≤2	436 436
	625	10/06/15:214694VRG	CCV	mg/L	20.00	151 %	70-130	360
Benzo(a)anthracene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 95.0 % 94.5 % 86.1 % 9.4%	<1 39-107 39-107 39-107 ≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	111 %	80-120	
Benzo(a)pyrene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00 20.00	ND 106 % 106 % 98.4 % 7.1%	<1 44-86 44-86 44-86 ≤22	310 436 436

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Benzo(a)pyrene	625	10/06/15:214694VRG	CCV	mg/L	20.00	124 %	80-120	360
Benzo(b)fluoranthene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	105 %	33-108	
			BS	ug/L	20.00	104 %	33-108	
			BSD	ug/L	20.00	98.9 %	33-108	
			BSRPD	ug/L	20.00	5.3%	≤24	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	124 %	80-120	360
Benzo(g,h,i)perylene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	0-160	
			BS	ug/L	20.00	101 %	0-160	
			BSD	ug/L	20.00	0.0 %	0-160	
			BSRPD	ug/L	20.00	200%	≤24	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	137 %	80-120	360
Benzo(k)fluoranthene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.9 %	34-107	
			BS	ug/L	20.00	102 %	34-107	
			BSD	ug/L	20.00	93.8 %	34-107	
			BSRPD	ug/L	20.00	7.9%	≤34	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	80-120	
bis(2-Chloroethoxy)methane	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.2 %	30-103	
			BS	ug/L	20.00	90.1 %	30-103	
			BSD	ug/L	20.00	80.3 %	30-103	
			BSRPD	ug/L	20.00	11.5%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
bis(2-Chloroethyl)ether	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.8 %	0-279	
			BS	ug/L	20.00	80.4 %	0-279	
			BSD	ug/L	20.00	68.4 %	0-279	
			BSRPD	ug/L	20.00	16.1%	≤66	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
bis(2-Chloroisopropyl)ether	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	87.1 %	27-118	
			BS	ug/L	20.00	82.0 %	27-118	
			BSD	ug/L	20.00	71.4 %	27-118	
			BSRPD	ug/L	20.00	13.7%	≤40	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	115 %	80-120	
bis(2-Ethylhexyl)phthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	101 %	46-118	
			BS	ug/L	20.00	102 %	46-118	
			BSD	ug/L	20.00	95.2 %	46-118	
			BSRPD	ug/L	20.00	6.8%	≤7	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	114 %	80-120	
Butylbenzylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	81.9 %	28-89	
			BS	ug/L	20.00	93.1 %	28-89	436
			BSD	ug/L	20.00	85.6 %	28-89	
			BSRPD	ug/L	20.00	8.4%	≤1	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	118 %	80-120	
Chloronaphthalene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	81.8 %	29-100	
			BS	ug/L	20.00	74.7 %	29-100	
			BSD	ug/L	20.00	68.6 %	29-100	
			BSRPD	ug/L	20.00	8.5%	≤41	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chloronaphthalene	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Chlorophenylphenylether	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.8 %	35-96	
			BS	ug/L	20.00	84.1 %	35-96	
			BSD	ug/L	20.00	76.5 %	35-96	
			BSRPD	ug/L	20.00	9.5%	≤29	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Chrysene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	89.8 %	37-99	
			BS	ug/L	20.00	90.5 %	37-99	
			BSD	ug/L	20.00	82.8 %	37-99	
			BSRPD	ug/L	20.00	8.8%	≤16	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Dibenzo(a,h)anthracene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	114 %	36-105	310
			BS	ug/L	20.00	108 %	36-105	436
			BSD	ug/L	20.00	100 %	36-105	
			BSRPD	ug/L	20.00	7.7%	≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	148 %	80-120	360
Diethylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	59.4 %	31-82	
			BS	ug/L	20.00	66.2 %	31-82	
			BSD	ug/L	20.00	60.5 %	31-82	
			BSRPD	ug/L	20.00	9.1%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Dimethylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	49.1 %	22-67	
			BS	ug/L	20.00	52.5 %	22-67	
			BSD	ug/L	20.00	51.1 %	22-67	
			BSRPD	ug/L	20.00	2.9%	≤5	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	105 %	80-120	
Di-n-butylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	80.0 %	44-89	
			BS	ug/L	20.00	85.2 %	44-89	
			BSD	ug/L	20.00	78.4 %	44-89	
			BSRPD	ug/L	20.00	8.4%	≤1	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Di-n-octylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	124 %	50-118	310
			BS	ug/L	20.00	131 %	50-118	436
			BSD	ug/L	20.00	124 %	50-118	436
			BSRPD	ug/L	20.00	5.8%	≤20	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	137 %	80-120	360
Fluoranthene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.2 %	46-98	
			BS	ug/L	20.00	93.8 %	46-98	
			BSD	ug/L	20.00	86.0 %	46-98	
			BSRPD	ug/L	20.00	8.6%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	109 %	80-120	
Fluorene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.3 %	34-101	
			BS	ug/L	20.00	84.9 %	34-101	
			BSD	ug/L	20.00	76.6 %	34-101	
			BSRPD	ug/L	20.00	10.2%	≤31	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Fluorene	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Hexachlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	85.8 %	32-91	
			BS	ug/L	20.00	82.7 %	32-91	
			BSD	ug/L	20.00	74.6 %	32-91	
			BSRPD	ug/L	20.00	10.3%	≤26	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	109 %	80-120	
Hexachlorobutadiene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	65.8 %	18-84	
			BS	ug/L	20.00	47.3 %	18-84	
			BSD	ug/L	20.00	56.1 %	18-84	
			BSRPD	ug/L	20.00	17.0%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Hexachlorocyclopentadiene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	24.7 %	2-60	
			BS	ug/L	20.00	20.8 %	2-60	
			BSD	ug/L	20.00	17.9 %	2-60	
			BSRPD	ug/L	20.00	0.57	≤1	
	625	10/08/15:214700SBL	CCV	mg/L	20.00	94.2 %	80-120	
Hexachloroethane	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.2 %	20-84	
			BS	ug/L	20.00	40.1 %	20-84	
			BSD	ug/L	20.00	52.3 %	20-84	
			BSRPD	ug/L	20.00	26.4%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	107 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	310
			LCS	ug/L	20.00	130 %	32-103	436
			BS	ug/L	20.00	125 %	32-103	436
			BSD	ug/L	20.00	115 %	32-103	436
			BSRPD	ug/L	20.00	7.9%	≤25	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	170 %	80-120	360
Isophorone	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.7 %	29-91	310
			BS	ug/L	20.00	91.6 %	29-91	436
			BSD	ug/L	20.00	82.9 %	29-91	
			BSRPD	ug/L	20.00	10.0%	≤32	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	114 %	80-120	
Naphthalene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	78.7 %	29-98	
			BS	ug/L	20.00	66.3 %	29-98	
			BSD	ug/L	20.00	64.4 %	29-98	
			BSRPD	ug/L	20.00	2.9%	≤47	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Nitrobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	310
			LCS	ug/L	20.00	83.5 %	43-83	
			BS	ug/L	20.00	77.3 %	43-83	
			BSD	ug/L	20.00	68.4 %	43-83	
			BSRPD	ug/L	20.00	12.2%	≤49	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Nitrobenzene-d5	625	09/29/15:211138CCG	Blank	ug/L	10.00	60.0 %	9-95	
			LCS	ug/L	10.00	70.3 %	9-95	
			BS	ug/L	10.00	64.4 %	9-95	
			BSD	ug/L	10.00	55.8 %	9-95	
			BSRPD	ug/L	20.00	14.3%	≤47	

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Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Nitrobenzene-d5	625	10/06/15:214694VRG	CCV	mg/L	10.00	120 %	80-120	
N-Nitrosodimethylamine	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	410
			LCS	ug/L	20.00	78.3 %	12-110	
			BS	ug/L	20.00	75.4 %	12-110	
			BSD	ug/L	20.00	61.2 %	12-110	
			BSRPD	ug/L	20.00	20.8%	≤3	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	113 %	80-120	
N-Nitrosodi-N-propylamine	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.3 %	29-106	
			BS	ug/L	20.00	98.4 %	29-106	
			BSD	ug/L	20.00	86.5 %	29-106	
			BSRPD	ug/L	20.00	12.9%	≤32	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	80-120	
N-Nitrosodiphenylamine	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	39-109	
			BS	ug/L	20.00	103 %	39-109	
			BSD	ug/L	20.00	98.9 %	39-109	
			BSRPD	ug/L	20.00	3.7%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
p-Chloro-m-cresol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	99.6 %	32-105	
			BS	ug/L	20.00	95.6 %	32-105	
			BSD	ug/L	20.00	85.1 %	32-105	
			BSRPD	ug/L	20.00	11.6%	≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	122 %	80-120	360
Pentachlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	74.5 %	19-109	
			BS	ug/L	20.00	71.0 %	19-109	
			BSD	ug/L	20.00	63.8 %	19-109	
			BSRPD	ug/L	20.00	10.7%	≤28	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	99.5 %	80-120	
Phenanthrene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.9 %	41-101	
			BS	ug/L	20.00	85.8 %	41-101	
			BSD	ug/L	20.00	78.3 %	41-101	
			BSRPD	ug/L	20.00	9.1%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Phenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	84.1 %	23-104	
			BS	ug/L	20.00	84.3 %	23-104	
			BSD	ug/L	20.00	69.1 %	23-104	
			BSRPD	ug/L	20.00	19.8%	≤47	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
Phenol-d6	625	09/29/15:211138CCG	Blank	ug/L	20.00	59.5 %	7-77	
			LCS	ug/L	20.00	66.0 %	7-77	
			BS	ug/L	20.00	63.0 %	7-77	
			BSD	ug/L	20.00	51.9 %	7-77	
			BSRPD	ug/L	20.00	19.4%	≤50	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	118 %	80-120	
p-Terphenyl-d14	625	09/29/15:211138CCG	Blank	ug/L	10.00	74.6 %	37-100	
			LCS	ug/L	10.00	86.3 %	37-100	
			BS	ug/L	10.00	86.5 %	37-100	
			BSD	ug/L	10.00	79.2 %	37-100	
			BSRPD	ug/L	20.00	8.9%	≤18	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
p-Terphenyl-d14	625	10/06/15:214694VRG	CCV	mg/L	10.00	127 %	80-120	362
Pyrene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.6 %	44-106	
			BS	ug/L	20.00	97.1 %	44-106	
			BSD	ug/L	20.00	89.5 %	44-106	
			BSRPD	ug/L	20.00	8.2%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
Pyridine	625	09/29/15:211138CCG	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	22.6 %	0-52	
			BS	ug/L	20.00	17.7 %	0-52	
			BSD	ug/L	20.00	6.8 %	0-52	
			BSRPD	ug/L	20.00	2.2	≤10	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	125 %	80-120	360
2,4'-DDD	625P	10/01/15:214372SG	CCV	ug/L	100.0	95.0 %	70-130	
2,4'-DDE	625P	10/01/15:214372SG	CCV	ug/L	100.0	109 %	70-130	
2,4'-DDT	625P	10/01/15:214372SG	CCV	ug/L	100.0	115 %	70-130	
Aldrin	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.8 %	0-131	
			BS	ug/L	0.1000	83.5 %	4-108	
			BSD	ug/L	0.1000	82.7 %	4-108	
			BSRPD	ug/L	0.1000	1.0%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	103 %	70-130	
Alpha BHC	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	68.9 %	9-125	
			BS	ug/L	0.1000	66.0 %	17-100	
			BSD	ug/L	0.1000	64.4 %	17-100	
			BSRPD	ug/L	0.1000	2.5%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	80.2 %	70-130	
alpha-Chlordane	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	78.3 %	14-126	
			BS	ug/L	0.1000	75.0 %	0-135	
			BSD	ug/L	0.1000	64.9 %	0-135	
			BSRPD	ug/L	0.1000	14.5%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	94.6 %	70-130	
Beta BHC	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	77.7 %	13-125	
			BS	ug/L	0.1000	79.3 %	16-123	
			BSD	ug/L	0.1000	75.7 %	16-123	
			BSRPD	ug/L	0.1000	4.6%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	80.5 %	70-130	
cis_Nonachlor	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	77.4 %	10-138	
			BS	ug/L	0.1000	83.5 %	0-120	
			BSD	ug/L	0.1000	73.0 %	0-120	
			BSRPD	ug/L	0.1000	13.4%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	115 %	70-130	
Delta BHC	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.4 %	0-122	
			BS	ug/L	0.1000	78.9 %	0-112	
			BSD	ug/L	0.1000	72.8 %	0-112	
			BSRPD	ug/L	0.1000	8.0%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	90.0 %	70-130	
Dieldrin	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	80.2 %	19-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Dieldrin	625P	09/29/15:211325CCG	BS BSD BSRPD	ug/L ug/L ug/L	0.1000 0.1000 0.1000	85.4 % 80.5 % 5.9%	0-121 0-121 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	95.4 %	70-130	
Endosulfan I	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 73.4 % 88.6 % 68.0 % 26.3%	<0.005 18-129 0-154 0-154 ≤25	410
	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.5 %	70-130	
Endosulfan II	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 77.7 % 82.0 % 73.0 % 11.5%	<0.005 22-128 0-149 0-149 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	98.4 %	70-130	
Endosulfan Sulfate	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 93.3 % 80.4 % 81.1 % 0.8%	<0.005 32-106 4-140 4-140 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	75.3 %	70-130	
Endrin	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 95.3 % 78.7 % 88.4 % 11.6%	<0.005 0-130 7-101 7-101 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	114 %	70-130	
Endrin Aldehyde	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 117 % 115 % 119 % 3.4%	<0.005 16-135 0-148 0-148 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	120 %	70-130	
Endrin Ketone	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 88.3 % 86.1 % 81.1 % 6.0%	<0.005 25-121 21-111 21-111 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.8 %	70-130	
gamma-Chlordane	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 74.3 % 95.4 % 79.8 % 17.8%	<0.005 20-123 1-116 1-116 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	93.4 %	70-130	
Heptachlor	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 75.9 % 82.8 % 80.4 % 2.9%	<0.005 19-119 13-100 13-100 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	102 %	70-130	
Heptachlor Epoxide	625P	09/29/15:211325CCG	Blank LCS	ug/L ug/L	0.1000 0.1000	ND 68.8 %	<0.005 18-131	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Heptachlor Epoxide	625P	09/29/15:211325CCG	BS BSD BSRPD	ug/L ug/L ug/L	0.1000 0.1000 0.1000	86.3 % 76.4 % 12.1 %	0-127 0-127 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	86.2 %	70-130	
Lindane	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 80.9 % 106 % 117 % 9.4%	<0.005 22-181 0-234 0-234 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	87.5 %	70-130	
Methoxychlor	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 105 % 92.7 % 92.0 % 0.7%	<0.005 26-113 2-107 2-107 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	94.2 %	70-130	
o,p - DDD	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 86.3 % 92.8 % 77.6 % 17.9%	<0.005 15-136 12-118 12-118 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 81.8 % 89.1 % 80.4 % 10.3%	<0.005 23-124 0-108 0-108 ≤25	
o,p - DDE	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 77.8 % 88.5 % 83.7 % 5.6%	<0.005 27-131 0-124 0-124 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 87.3 % 99.7 % 87.3 % 13.3%	<0.005 23-126 2-107 2-107 ≤25	
p,p - DDD	625P	10/01/15:214372SG	CCV	ug/L	100.0	94.4 %	70-130	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	102 %	70-130	
p,p - DDE	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.0 %	70-130	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.0 %	70-130	
p,p - DDT	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 89.0 % 101 % 82.9 % 19.8%	<0.005 0-177 17-107 17-107 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 87.3 % 99.7 % 87.3 % 13.3%	<0.005 23-126 2-107 2-107 ≤25	
p,p - DDE	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 100 % 91.9 % 86.8 % 5.7%	<0.005 32-108 0-128 0-128 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	56.6 % 60.4 % 62.7 % 60.3 % 3.9%	26-90 26-90 26-90 26-90 ≤25	
Tetrachloro-m-xylene	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	56.6 % 60.4 % 62.7 % 60.3 % 3.9%	26-90 26-90 26-90 26-90 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	56.6 % 60.4 % 62.7 % 60.3 % 3.9%	26-90 26-90 26-90 26-90 ≤25	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Tetrachloro-m-xylene	625P	10/01/15:214372SG	CCV	ug/L	100.0	111 %	70-130	
trans-Nonachlor	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	70.8 %	9-139	
			BS	ug/L	0.1000	89.1 %	0-120	
			BSD	ug/L	0.1000	76.4 %	0-120	
			BSRPD	ug/L	0.1000	15.3%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	118 %	70-130	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.								
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. 362 : Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports. 410 : Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. 436 : Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.								

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Lab ID : SP 1510788
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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Boron	200.7	(SP 1510788-005)	MS	mg/L	4.000	105 %	75-125	
			MSD	mg/L	4.000	107 %	75-125	
			MSRPD	mg/L	800.0	1.5%	≤20.0	
	200.7	09/29/15:214221AC	CCV	ppm	5.000	101 %	90-110	
Calcium	200.7	(SP 1510788-005)	CCB	ppm		0.004	0.1	
			CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.009	0.1	
	200.7	09/29/15:214221AC	MS	mg/L	12.00	67.9 %	<¼	
Copper	200.7	(SP 1510788-005)	MSD	mg/L	12.00	72.7 %	<¼	
			MSRPD	mg/L	800.0	0.3%	≤20.0	
			CCV	ppm	25.00	102 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		-0.003	1	
Iron	200.7	(SP 1510788-005)	CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		-0.003	1	
			CCV	ppm	25.00	102 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		-0.003	1	
Magnesium	200.7	(SP 1510788-005)	MS	ug/L	800.0	106 %	75-125	
			MSD	ug/L	800.0	107 %	75-125	
			MSRPD	ug/L	800.0	0.9%	≤20.0	
	200.7	09/29/15:214221AC	CCV	ppm	1.000	100 %	90-110	
Manganese	200.7	(SP 1510788-005)	CCB	ppm		-0.00002	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0003	0.01	
	200.7	09/29/15:214221AC	MS	ug/L	4000	105 %	75-125	
Potassium	200.7	(SP 1510788-005)	MSD	ug/L	4000	107 %	75-125	
			MSRPD	ug/L	800.0	2.0%	≤20.0	
			CCV	ppm	5.000	102 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		0.001	0.03	
Sodium	200.7	(SP 1510788-005)	CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.0014	0.03	
			CCV	ppm	25.00	100 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		0.004	1	
Sulfur	200.7	(SP 1510788-005)	MS	mg/L	12.00	90.1 %	75-125	
			MSD	mg/L	12.00	89.2 %	75-125	
			MSRPD	mg/L	800.0	0.1%	≤20.0	
	200.7	09/29/15:214221AC	CCV	ppm	25.00	100 %	90-110	
Zinc	200.7	(SP 1510788-005)	CCB	ppm		0.0003	1	
			CCV	ppm	25.00	100 %	90-110	
			CCB	ppm		0.004	1	
	200.7	09/29/15:214221AC	MS	ug/L	800.0	104 %	75-125	
Cadmium	200.7	(SP 1510788-005)	MSD	ug/L	800.0	106 %	75-125	
			MSRPD	ug/L	800.0	1.7%	≤20.0	
			CCV	ppm	1.000	101 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		0.00008	0.01	
Chromium	200.7	(SP 1510788-005)	CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		0.00008	0.01	
			CCV	ppm	1.000	102 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		0.00008	0.01	
Vanadium	200.7	(SP 1510788-005)	MS	mg/L	12.00	119 %	75-125	
			MSD	mg/L	12.00	120 %	75-125	
			MSRPD	mg/L	800.0	1.2%	≤20.0	
	200.7	09/29/15:214221AC	CCV	ppm	25.00	103 %	90-110	
Cobalt	200.7	(SP 1510788-005)	CCB	ppm		0.03	1	
			CCV	ppm	25.00	104 %	90-110	
			CCB	ppm		0.02	1	
	200.7	09/29/15:214221AC	MS	mg/L	12.00	81.7 %	75-125	
Nickel	200.7	(SP 1510788-005)	MSD	mg/L	12.00	75.6 %	75-125	
			MSRPD	mg/L	800.0	0.4%	≤20.0	
			CCV	ppm	25.00	98.5 %	90-110	
	200.7	09/29/15:214221AC	CCB	ppm		0.01	1	
Molybdenum	200.7	(SP 1510788-005)	CCV	ppm	25.00	99.1 %	90-110	
			CCB	ppm				
			CCV	ppm	25.00			
	200.7	09/29/15:214221AC	CCB	ppm				

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Metals								
Sodium	200.7	09/29/15:214221AC	CCB	ppm		-0.01	1	
Zinc	200.7	(SP 1510788-005)	MS	ug/L	800.0	103 %	75-125	
			MSD	ug/L	800.0	104 %	75-125	
			MSRPD	ug/L	800.0	1.9%	<20.0	
	200.7	09/29/15:214221AC	CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		0.0003	0.02	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0001	0.02	
Aluminum	200.8	10/02/15:214415AC	CCV	ppb	120.0	105 %	90-110	
			CCB	ppb		0.2	10	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.06	10	
Antimony	200.8	10/02/15:214415AC	CCV	ppb	120.0	99.6 %	90-110	
			CCB	ppb		0.24	1	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.31	1	
Arsenic	200.8	10/02/15:214415AC	CCV	ppb	120.0	98.2 %	90-110	
			CCB	ppb		0.03	2	
			CCV	ppb	120.0	99.1 %	90-110	
			CCB	ppb		0.02	2	
Barium	200.8	10/02/15:214415AC	CCV	ppb	120.0	95.5 %	90-110	
			CCB	ppb		0.002	1	
			CCV	ppb	120.0	98.6 %	90-110	
			CCB	ppb		0.005	1	
Beryllium	200.8	10/02/15:214415AC	CCV	ppb	120.0	96.3 %	90-110	
			CCB	ppb		0.002	0.2	
			CCV	ppb	120.0	98.5 %	90-110	
			CCB	ppb		0.01	0.2	
Cadmium	200.8	10/02/15:214415AC	CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		0.005	0.2	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.009	0.2	
Chromium	200.8	10/02/15:214415AC	CCV	ppb	120.0	98.9 %	90-110	
			CCB	ppb		-0.007	1	
			CCV	ppb	120.0	99.9 %	90-110	
			CCB	ppb		-0.005	1	
Copper	200.8	10/02/15:214415AC	CCV	ppb	120.0	99.6 %	90-110	
			CCB	ppb		0.01	0.5	
			CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.245	0.5	
Lead	200.8	10/02/15:214415AC	CCV	ppb	120.0	99.4 %	90-110	
			CCB	ppb		0.008	0.5	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.012	0.5	
Nickel	200.8	10/02/15:214415AC	CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		-0.005	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.007	1	
Selenium	200.8	10/02/15:214415AC	CCV	ppb	120.0	95.8 %	90-110	
			CCB	ppb		0.11	1	
			CCV	ppb	120.0	97.0 %	90-110	
			CCB	ppb		0.05	1	
Silver	200.8	10/02/15:214415AC	CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		-0.03	1	

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Metals								
Silver	200.8	10/02/15:214415AC	CCV CCB	ppb ppb	120.0	101 % -0.02	90-110 1	
Thallium	200.8	10/02/15:214415AC	CCV CCB CCV CCB	ppb ppb ppb ppb	120.0 120.0	97.8 % 0.012 101 % 0.017	90-110 0.2 90-110 0.2	
Mercury	245.1	10/05/15:211582ac (SP 1510882-001)	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	93.2 %	85-115	
			MS	ug/L	0.2000	92.8 %	75-125	
			MSD	ug/L	0.2000	94.5 %	75-125	
	245.1	10/05/15:214526AC	MSRPD	ug/L	0.2000	1.8%	≤20	
			CCV	ppt	200.0	97.0 %	90-110	
			CCB	ppt		-0.01	20	
			CCV	ppt	200.0	92.8 %	90-110	
Aluminum	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	68.5 %	75-125	
			MSD	ug/L	40.00	90.2 %	75-125	
			MSRPD	ug/L	40.00	8.1%	≤20.0	
			PDS	ug/L	40.00	91.0 %	75-125	
Antimony	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	104 %	85-115	
			MS	ug/L	40.00	115 %	75-125	
			MSD	ug/L	40.00	118 %	75-125	
			MSRPD	ug/L	40.00	2.6%	≤20.0	
			PDS	ug/L	40.00	122 %	75-125	
Arsenic	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	110 %	85-115	
			MS	ug/L	40.00	96.5 %	75-125	
			MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	40.00	5.5%	≤20	
			PDS	ug/L	40.00	103 %	75-125	
Barium	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	67.8 %	75-125	
			MSD	ug/L	40.00	81.1 %	75-125	
			MSRPD	ug/L	40.00	4.3%	≤20.0	
			PDS	ug/L	40.00	95.5 %	75-125	
Beryllium	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	110 %	85-115	
			MS	ug/L	40.00	87.1 %	75-125	
			MSD	ug/L	40.00	93.6 %	75-125	
			MSRPD	ug/L	40.00	7.1%	≤20.0	
			PDS	ug/L	40.00	92.0 %	75-125	
Cadmium	3010	10/02/15:211481amb (CC 1583288-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	106 %	85-115	
			MS	ug/L	40.00	85.4 %	75-125	
			MSD	ug/L	40.00	93.4 %	75-125	
			MSRPD	ug/L	40.00	4.4%	≤20	
			PDS	ug/L	40.00	98.6 %	75-125	
Chromium	3010	10/02/15:211481amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	111 %	85-115	
			MS	ug/L	40.00	-290 %	<¼	

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Metals								
Chromium	3010	(CC 1583288-001)	MSD MSRPD PDS	ug/L ug/L ug/L	40.00 40.00 40.00	-139 % 6.4% -47.5 %	<¼ ≤20 75-125	430
Copper	3010	10/02/15:211481amb (CC 1583288-001)	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 112 % 105 % 84.5 % 9.2% 86.4 %	<1 85-115 75-125 75-125 ≤20.0 75-125	
Lead	3010	10/02/15:211481amb (CC 1583288-001)	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 106 % 115 % 122 % 5.4% 124 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Nickel	3010	10/02/15:211481amb (CC 1583288-001)	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 113 % 76.8 % 91.9 % 7.7% 91.3 %	<1 85-115 75-125 75-125 ≤20 75-125	
Selenium	3010	10/02/15:211481amb (CC 1583288-001)	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 % 83.1 % 90.1 % 7.4% 90.4 %	<2 80-120 75-125 75-125 ≤20 75-125	
Silver	3010	10/02/15:211481amb (CC 1583288-001)	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 % 96.5 % 101 % 4.5% 102 %	<1 85-115 75-125 75-125 ≤20.0 75-125	
Thallium	3010	10/02/15:211481amb (CC 1583288-001)	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 % 116 % 121 % 4.4% 124 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Wet Chem								
Oil and Grease	1664	10/06/15:211623AMM	Blank LCS BS BSD BSRPD	mg/L mg/L mg/L mg/L mg/L	 44.89 44.89 44.89 44.89	ND 101 % 97.4 % 100 % 3.0%	<3 78-114 78-114 78-114 ≤18	
Color	2120B	(VI 1543729-001)	Dup	units		0.0	5	
	2120B	09/29/15:214382jmg	CCB CCV	units units	 10.00	0.00 100 %	5.0 90-110	
Turbidity	2130B	(SP 1510768-002)	Dup	NTU		0.0	0.2	
	2130B	09/28/15:214143JBA	CCV	NTU	10.00	96.7 %	90-110	
			CCB	NTU		0.152	0.2	
			CCV CCB	NTU NTU	10.00	96.9 % 0.171	90-110 0.2	
Odor	2150B	(SP 1510788-005)	Dup	TON		0.0	1	

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Wet Chem Chromium VI	218.6	10/08/15:211814MCA (SP 1511040-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.000	99.2 %	90-110	
			MS	ug/L	2.000	99.3 %	75-125	
			MSD	ug/L	2.000	100 %	75-125	
			MSRPD	ug/L	2.000	0.018	≤0.5	
		(SP 1511120-001)	MS	ug/L	2.000	100 %	75-125	
			MSD	ug/L	2.000	100 %	75-125	
			MSRPD	ug/L	2.000	0.00050	≤0.5	
	218.6	10/08/15:214766MCA	ICB	ppb		0.000	0.5	
			ICV	ppb	5.000	99.9 %	95-105	
			CCB	ppb		0.000	0.5	
			CCV	ppb	5.000	102 %	95-105	
Alkalinity (as CaCO3)	2320B	(CC 1583320-001)	Dup	mg/L		3.1%	3.42	
	2320B	09/29/15:214175AMB	CCV	mg/L	234.9	94.3 %	90-110	
			CCV	mg/L	234.9	104 %	90-110	
Bicarbonate	2320B	(CC 1583320-001)	Dup	mg/L		3.1%	4.78	
Carbonate	2320B	(CC 1583320-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(CC 1583320-001)	Dup	mg/L		0.0	10	
Conductivity	2510B	09/29/15:214171JMG	ICB	umhos/cm		0.09	1	
			CCV	umhos/cm	998.0	104 %	95-105	
			CCV	umhos/cm	998.0	103 %	95-105	
E. C.	2510B	09/29/15:211296jmg	Blank	umhos/cm		ND	<1	
		(SP 1510753-001)	Dup	umhos/cm		0.0%	5	
Total Dissolved Solids (TFR)	2540CE	09/29/15:211310CTL (SP 1510741-001)	Blank	mg/L		ND	<20	
			LCS	mg/L	999.3	98.3 %	90-110	
			Dup	mg/L		0.7%	5	
Solids, Suspended	2540D	10/01/15:211439jba (SP 1510939-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	50.05	83.9 %	38-138	
			LCS	mg/L	50.05	84.9 %	38-138	
			Dup	mg/L		4.1%	28.7	
Chloride	300.0	09/28/15:211291MCA (SP 1510753-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	25.00	90.9 %	90-110	
			MS	mg/L	500.0	82.1 %	85-121	435
			MSD	mg/L	500.0	82.3 %	85-121	435
			MSRPD	mg/L	100.0	0.3%	≤19	
		09/29/15:214180KD	CCB	ppm		0.00	1	
			CCV	ppm	25.00	91.3 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	91.8 %	90-110	
	300.0	(CH 1578067-002)	MS	mg/L	50.00	102 %	87-120	
			MSD	mg/L	50.00	102 %	87-120	
			MSRPD	mg/L	100.0	0.0%	≤16	
			Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	95.8 %	90-110	
			MS	mg/L	50.00	99.9 %	87-120	
		(CH 1578067-001)	MSD	mg/L	50.00	101 %	87-120	
			MSRPD	mg/L	100.0	1.4%	≤16	
		10/01/15:214297KD	CCB	ppm		0.019	0.1	
			CCV	ppm	2.500	98.1 %	90-110	
			CCB	ppm		0.024	0.1	
			CCV	ppm	2.500	98.5 %	90-110	
Nitrate	300.0	09/28/15:211291MCA	Blank	mg/L		ND	<0.5	
			LCS	mg/L	20.00	90.5 %	90-110	
			MS	mg/L	400.0	85.3 %	85-119	

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Wet Chem Nitrate	300.0	(SP 1510753-001)	MSD	mg/L	400.0	85.5 %	85-119	
			MSRPD	mg/L	100.0	0.1%	≤19	
	300.0	09/29/15:214180KD	CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	90.9 %	90-110	
			CCB	ppm		0.000	0.5	
Nitrite			CCV	ppm	20.00	91.4 %	90-110	
	300.0	09/28/15:211291MCA	Blank	mg/L		ND	<0.5	
			LCS	mg/L	15.00	91.5 %	90-110	
		(SP 1510753-001)	MS	mg/L	300.0	86.9 %	74-126	
			MSD	mg/L	300.0	87.0 %	74-126	
Sulfate			MSRPD	mg/L	100.0	0.08%	≤20	
	300.0	09/29/15:214180KD	CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	91.4 %	90-110	
			CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	92.1 %	90-110	
Perchlorate	300.0	09/28/15:211291MCA	Blank	mg/L		ND	<2.0	
			LCS	mg/L	50.00	90.2 %	90-110	
		(SP 1510753-001)	MS	mg/L	1000	84.6 %	82-124	
			MSD	mg/L	1000	84.6 %	82-124	
			MSRPD	mg/L	100.0	0.07%	≤23	
Nitrogen, Total Kjeldahl	300.0	09/29/15:214180KD	CCB	ppm		0.06	2	
			CCV	ppm	50.00	90.5 %	90-110	
			CCB	ppm		0.04	2	
			CCV	ppm	50.00	90.9 %	90-110	
Chlorine	314.0	09/28/15:211245SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	24.82	108 %	85-115	
		(VI 1543752-001)	MS	ug/L	24.82	106 %	80-120	
			MSD	ug/L	24.82	105 %	80-120	
			MSRPD	ug/L	24.82	1.3%	≤15	
Chlorine, Residual	314.0	09/28/15:214174SBL	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	
Cyanide	351.2	09/30/15:211343jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	81.5 %	73-124	
		(SP 1510804-001)	LCS	mg/L	12.00	82.5 %	73-124	
			MS	mg/L	12.00	87.3 %	54-136	
		(SP 1510804-001)	MSD	mg/L	12.00	80.6 %	54-136	
Cyanide, Total			MSRPD	mg/L	12.00	8.0%	≤27	
			Dup	mg/L		0.22	0.5	
	4500ClG	09/28/15:214140SBL	CCV	mg/L	0.9972	108 %	90-110	
			CCB	mg/L		-0.045	0.1	
			CCV	mg/L	0.9972	109 %	90-110	
Cyanide, Total			CCB	mg/L		-0.055	0.1	
	4500CNCE	(SP 1510788-005)	Dup	mg/L		0.0047	0.1	
	4500CNCE	10/03/15:214408AMM	CCV	mg/L	0.1000	95.0 %	90-110	
			CCB	mg/L		-0.00252	0.004	
			CCV	mg/L	0.1000	95.8 %	90-110	
Cyanide, Total			CCB	mg/L		-0.00252	0.004	
	4500CNCE	10/02/15:211450AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	96.6 %	90-110	
			LCS	mg/L	0.4000	98.0 %	90-110	
		(SP 1510788-005)	MS	mg/L	0.05000	114 %	26-226	
Cyanide, Total			MSD	mg/L	0.05000	114 %	26-226	

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Wet Chem								
Cyanide, Total	4500CNCE	10/02/15:211450AMM	MSRPD	mg/L	0.05000	0.0%	≤36	
Ammonia Nitrogen	4500NH3G	(CC 1583363-001)	MS	mg/L	2.000	104 %	70-130	
			MSD	mg/L	2.000	109 %	70-130	
			MSRPD	mg/L	2.000	4.2%	≤20	
	4500NH3G	10/05/15:214447AMB	ICB	mg/L		-0.024	0.2	
			ICV	mg/L	2.000	103 %	90-110	
			CCB	mg/L		0.063	0.2	
			CCV	mg/L	2.000	99.2 %	90-110	
Phosphorus	4500-P B	09/28/15:211268CJJ (SP 1510597-012)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	91.2 %	90-116	
			MS	mg/L	0.2500	74.3 %	25-292	
			MSD	mg/L	0.2500	88.2 %	25-292	
			MSRPD	mg/L	0.2500	0.035	≤0.1	
Total Phosphorus	4500PE	09/30/15:214131MCA	CCB	mg/L		-0.004	0.1	
			CCV	mg/L	0.5000	91.2 %	90-110	
			CCB	mg/L		0.045	0.1	
			CCV	mg/L	0.5000	92.2 %	90-110	
BOD	5210B	09/29/15:211231NMRP (SP 1510741-002) (SP 1510741-002)	RgBlk	mg/L		-0.14	2	
			LCS	mg/L	198.0	102 %	84.6-115	
			Dup	mg/L		1.6%	15.9	
			Dup	mg/L		5.6%	15.9	
	5210B	10/04/15:214413MCA	CCV	mg/L	1.000	94.6 %	80-120	
			CCV	mg/L	1.000	95.6 %	80-120	
MBAS	5540C	09/29/15:214385jmg	CCB	mg/L		0.000	0.1	
			CCV	mg/L	10.00	100 %	99-101	
MBAS Screen	5540C	(SP 1510788-005)	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	10/01/15:214275AMB	CCB	mg/L		-0.468	0.5	
			CCV	mg/L	5.000	92.8 %	90-110	
			CCB	mg/L		-0.437	0.5	
			CCV	mg/L	5.000	93.1 %	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.							

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Inorganic

Definition	
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 forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	10/06/15:214771caa	CCV CCB	cpm cpm	9235	44.5 % 0.100	40 - 49 0.19	
Beta	900.0	10/06/15:214771caa	CCV CCB	cpm cpm	9235	96.9 % 0.4000	86 - 105 0.49	
Gross Alpha	900.0	10/05/15:211541caa (SP 1510813-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	180.6 180.6 180.6 180.6	0.55 91.9 % 148 % 127 % 14.3%	3 75-125 60-140 60-140 ≤30	435
Gross Beta	900.0	10/05/15:211541caa (SP 1510813-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	73.87 73.87 73.87 73.87 180.6	0.85 124 % 86.7 % 81.2 % 6.3%	4 75-125 80-130 80-130 ≤30	
Alpha	903.0	10/10/15:214837caa	CCV CCB	cpm cpm	8834	41.0 % 0.100	37 - 46 0.19	
Total Alpha Radium (226)	903.0	10/05/15:211591emv	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	21.59 21.59 21.59 21.59 21.59	0.01 83.7 % 82.8 % 78.4 % 5.4%	2 52-107 43-111 43-111 ≤35.5	
Beta	905.0	10/10/15:214826caa	CCV CCB	cpm cpm	9231	95.4 % 0.3000	86 - 105 0.55	
Total Strontium	905.0	10/05/15:211592emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	41.55 41.54 41.54 41.54 41.54	0.61 69.1 % 108 % 104 % 4.0%	2 53-133 75-125 75-125 ≤20	
Tritium	906.0	10/06/15:211597caa	Blank LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	1647 1647 1647 1647 1647	0 95.9 % 107 % 107 % 0.0%	<300 75-125 75-125 75-125 ≤25	
	906.0	10/06/15:214748caa	CCV CCB	pCi/L pCi/L	31720	105 % 154	90-110 500	
Alpha	908.0	10/01/15:214606caa	CCV CCB	cpm cpm	8841	43.1 % 0.0800	41 - 50 0.12	
Uranium	908.0	09/30/15:211341caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	20.97 20.97 20.97 20.97 20.97	0.21 56.2 % 94.4 % 98.6 % 4.4%	1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	10/05/15:214519emv	CCV CCB	cpm cpm	9235	95.6 % 0.3600	86 - 105 0.55	
Ra 228	Ra - 05	10/04/15:211524emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	87.61 87.61 87.61 87.61 87.61	0.19 50.4 % 97.2 % 101 % 3.8%	3 27-59 75-125 75-125 ≤25	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.								

October 13, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510788
Customer : 2-25173

Quality Control - Radio

Definition	
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 20, 2015

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 1510788

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

- Sub Inorganic-Bromate, Chlorite, Low-Level
- Sub Contracted-PPCP-EPA 1694M Hormones
- 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: 2015-10-20

Enclosure



CERTIFICATE OF ANALYSIS

Client: FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Attention: Cindy Aguirre

Phone: (805) 392-2012

Fax: (805) 525-4172

Work Order(s): 5I29023

Report Date: 10/14/15 15:41

Received Date: 09/29/15 09:30

Turn Around: Normal

Client Project: SP 1510788 - (2-25173)

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 09/29/15 09:30 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: 09/29/15 09:30
Date Reported: 10/14/15 15:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Lab ID	Matrix	Date Sampled
MCWP-04D	Robert	5129023-01	Water	09/28/15 09:36

ANALYSES

Anions by IC, EPA Method 300.1

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: 09/29/15 09:30
Date Reported: 10/14/15 15:41

5I29023-01 MCWP-04D

Sampled: 09/28/15 09:36

Sampled By: Robert

Matrix: Water

Anions by IC, EPA Method 300.1

Method: EPA 300.1

Batch: W5J0193

Prepared: 10/05/15 11:00

Analyst: Ashley J. Partridge

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Bromate	ND	3.2	25	ug/l	5	10/14/15 11:47	M-05
Chlorite	ND	3.5	50	ug/l	5	10/05/15 17:14	M-05
Surr: Dichloroacetate	105 %	Conc:524	90-115	%			
Surr: Dichloroacetate	105 %	Conc:524	90-115	%			

Nitrosamines by isotopic dilution GC/MS CI Mode

Method: EPA 1625M

Batch: W5J0081

Prepared: 10/02/15 08:12

Analyst: Silva Mirzoyan

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
N-Nitrosodimethylamine	0.88	0.50	2.0	ng/l	1	10/06/15 01:56	J

PPCPs - Hormones by LC/MSMS-APCI

Method: EPA 1694M-APCI

Batch: W5J0087

Prepared: 10/02/15 08:32

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
17-b-Estradiol	ND	0.31	1.0	ng/l	1	10/12/15 16:47	

PPCPs - Pharmaceuticals by LC/MSMS-ESI-

Method: EPA 1694M-ESI-

Batch: W5J0085

Prepared: 10/02/15 08:28

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Triclosan	ND	1.2	2.0	ng/l	1	10/09/15 12:30	

PPCPs - Pharmaceuticals by LC/MSMS-ESI+

Method: EPA 1694M-ESI+

Batch: W5J0086

Prepared: 10/02/15 08:31

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Caffeine	1.6	0.31	4.0	ng/l	1	10/12/15 12:04	B-01, J
DEET	1.5	0.060	1.0	ng/l	1	10/12/15 12:04	
Sucralose	260	5.0	5.0	ng/l	1	10/12/15 12:04	



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/29/15 09:30
Date Reported: 10/14/15 15:41

QUALITY CONTROL SECTION



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/29/15 09:30
Date Reported: 10/14/15 15:41

Anions by IC, EPA Method 300.1 - Quality Control**Batch W5J0193 - EPA 300.1**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0193-BLK1)					Analyzed: 10/14/15 11:47						
Bromate	ND	0.63	5.0	ug/l							
Chlorite	ND	0.70	10	ug/l							
Surr: Dichloroacetate	558			ug/l	500		112	90-115			
Surr: Dichloroacetate	558			ug/l	500		112	90-115			
LCS (W5J0193-BS1)					Analyzed: 10/14/15 11:47						
Bromate	104	0.63	5.0	ug/l	100		104	85-115			
Chlorite	94.2	0.70	10	ug/l	100		94	85-115			
Surr: Dichloroacetate	533			ug/l	500		107	90-115			
Surr: Dichloroacetate	533			ug/l	500		107	90-115			
Matrix Spike (W5J0193-MS1)					Source: 5I29007-01 Analyzed: 10/14/15 11:47						
Bromate	98.8	0.63	5.0	ug/l	100	ND	99	64-133			
Chlorite	90.1	0.70	10	ug/l	100	ND	90	78-129			
Surr: Dichloroacetate	549			ug/l	500		110	90-115			
Surr: Dichloroacetate	549			ug/l	500		110	90-115			
Matrix Spike Dup (W5J0193-MSD1)					Source: 5I29007-01 Analyzed: 10/14/15 11:47						
Bromate	101	0.63	5.0	ug/l	100	ND	101	64-133	2	20	
Chlorite	90.6	0.70	10	ug/l	100	ND	91	78-129	0.6	20	
Surr: Dichloroacetate	551			ug/l	500		110	90-115			
Surr: Dichloroacetate	551			ug/l	500		110	90-115			

Nitrosamines by isotopic dilution GC/MS CI Mode - Quality Control**Batch W5J0081 - EPA 1625M**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0081-BLK1)					Analyzed: 10/05/15 23:31						
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l							
LCS (W5J0081-BS1)					Analyzed: 10/06/15 00:00						
N-Nitrosodimethylamine	2.53	0.50	2.0	ng/l	3.00		84	50-150			
Matrix Spike (W5J0081-MS1)					Source: 5I29077-04 Analyzed: 10/06/15 00:29						
N-Nitrosodimethylamine	4.36	0.50	2.0	ng/l	3.00	2.50	62	50-150			
Matrix Spike Dup (W5J0081-MSD1)					Source: 5I29077-04 Analyzed: 10/06/15 00:58						
N-Nitrosodimethylamine	4.07	0.50	2.0	ng/l	3.00	2.50	52	50-150	7	30	

PPCPs - Pharmaceuticals by LC/MSMS-ESI+ - Quality Control**Batch W5J0086 - EPA 1694M-ESI+**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0086-BLK1)					Analyzed: 10/12/15 10:56						
Caffeine	3.11	0.31	4.0	ng/l							B-01, J



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/29/15 09:30
Date Reported: 10/14/15 15:41

PPCPs - Pharmaceuticals by LC/MSMS-ESI+ - Quality Control**Batch W5J0086 - EPA 1694M-ESI+**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0086-BLK1)					Analyzed: 10/12/15 10:56						
DEET	0.955	0.060	1.0	ng/l							J
Sucralose	ND	5.0	5.0	ng/l							
LCS (W5J0086-BS1)					Analyzed: 10/12/15 11:10						
Caffeine	49.3	0.31	4.0	ng/l	40.0		123	55-152			
DEET	46.1	0.060	1.0	ng/l	40.0		115	45-135			
Sucralose	205	5.0	5.0	ng/l	200		102	50-150			
LCS Dup (W5J0086-BSD1)					Analyzed: 10/12/15 11:23						
Caffeine	48.6	0.31	4.0	ng/l	40.0		122	55-152	1	30	
DEET	52.3	0.060	1.0	ng/l	40.0		131	45-135	13	30	
Sucralose	228	5.0	5.0	ng/l	200		114	50-150	11	30	

PPCPs - Pharmaceuticals by LC/MSMS-ESI- - Quality Control**Batch W5J0085 - EPA 1694M-ESI-**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0085-BLK1)					Analyzed: 10/09/15 10:56						
Triclosan	1.25	1.2	2.0	ng/l							J
LCS (W5J0085-BS1)					Analyzed: 10/09/15 11:12						
Triclosan	42.0	1.2	2.0	ng/l	40.0		105	76-139			
LCS Dup (W5J0085-BSD1)					Analyzed: 10/09/15 11:29						
Triclosan	44.9	1.2	2.0	ng/l	40.0		112	76-139	7	30	

PPCPs - Hormones by LC/MSMS-APCI - Quality Control**Batch W5J0087 - EPA 1694M-APCI**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0087-BLK1)					Analyzed: 10/12/15 15:23						
17-b-Estradiol	0.380	0.31	1.0	ng/l							J
LCS (W5J0087-BS1)					Analyzed: 10/12/15 15:40						
17-b-Estradiol	45.3	0.31	1.0	ng/l	40.0		113	65-146			
LCS Dup (W5J0087-BSD1)					Analyzed: 10/12/15 15:57						
17-b-Estradiol	47.3	0.31	1.0	ng/l	40.0		118	65-146	4	30	



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/29/15 09:30
Date Reported: 10/14/15 15:41

Notes and Definitions

M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
J	Estimated conc. detected <MRL and >MDL.
B-01	This analyte was found in the method blank, which was possibly contaminated in the lab during preparation. The reporting limit was raised due to the contamination.
ND	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reportable
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Sub	Subcontracted analysis, original report available upon request
MDL	Method Detection Limit
MDA	Minimum Detectable Activity
MRL	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: 5I29023
Client: FGL Environmental
Project: PPCP-EDC

Printed: 9/30/2015 12:47:40PM
Project Manager: Kim G. Tu
Project Number: SP 1510788 - (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: 10/13/15 15:00 (10 day TAT)

Received By: Jaime Gomez

Date Received: 09/29/15 09:30

Logged In By: Jaime Gomez

Date Logged In: 09/29/15 12:50

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

Analysis	TAT	Expires	Comments
5I29023-01 MCWP-04D [Water] Sampled 09/28/15 09:36 (GMT-08:00) Pacific Time (US &			
PPCP Pharma-Positive	10	10/26/15 09:36	Caffeine, DEET, Sucralose
PPCP Pharma-Negative	10	10/26/15 09:36	Triclosan only
PPCP Hormones	10	10/26/15 09:36	17b-Estradiol only
NDMA	10	10/05/15 09:36	
300.1 Chlorite	10	10/12/15 09:36	
300.1 Bromate	10	10/26/15 09:36	

Comments:

9/30/2015

Authorized Signature

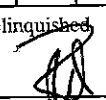
Date

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.

**Subcontract to
Weck Laboratories, Inc.**

5I29023

												Map Ref.				
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: SP 1510788 - (2-25173) 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 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** 8oz(P)		Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(P)						
Sampler(s) Robert Compositor Setup Date: ____/____/____ Time: ____/____																
Lab Number:																
Samp Num	Location Description	Date Sampled	Time Sampled													
5	MCWP-04D	09/28/15	09:36	G	MW					1	1	1				
Remarks:				Relinquished 		Date: 9/28/15 Time: 17:30		Relinquished Ontae		Date: Time:		Relinquished		Date: Time:		
				Received By: Ontae		Date: Time:		Received By: Jannah 9/29/15 09:30		Date: Time:		Received By: Date: Time:				

4052:09/07/2015				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 GWM 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,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr,III 250ml(P)-HNO3 Wet Chemistry-Cl 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) Robert																											
Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____																											
Lab Number: SP 1510744 2-25173																											
Samp Num	Location Description	Date Sampled	Time Sampled																								
0	Travel Blank			G	LBW				1	2	4																
1	SMBRP-9			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
2	MCWP-MW04S			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
3	MCWP-MW07S			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
4	SMBRP-12			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
5	MCWP-04D	9/28/15	0936	G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
6	MCWP-07D			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
7	MCWP-MW09			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
8	TY-MW-1			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
9	LAMW-5S			G	MW				1	2	4	1	2				1,1	1	1,1,1,1,1	1							
Remarks: Multiple Chains				Relinquished				Date: 9/28/15 Time: 1400				Relinquished				Date: 9/28/15 Time: 1520				Relinquished				Date: _____ Time: _____			
				Received By:				Date: 9/28/15 Time: 1400				Received By:				Date: 9/28/15 Time: 1520				Received By:				Date: _____ Time: _____			

Corporate Offices & Laboratory

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Office & Laboratory

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

				4052:09/07/2015		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 GWM 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,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr_III 250ml(P)-HNO3	Wet Chemistry-Cl 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)				
																					Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____			
																					Lab Number: SP 1510746 2-25173			
																					Sampler(s)			
																					Method of Sampling: Composite(C) Grab(G)			
Samp Num	Location Description	Date Sampled	Time Sampled	G	MW																			
10	SMBRP-13			G	MW							1												
11	MCWP-MW10			G	MW							1												
12	CCPE			G	MW							1												
13	MBCMW-9			G	MW							1												
14	WF-MW-2			G	MW							1												
15	MCWP-MW05			G	MW																			
16	MCWP-MW06			G	MW																			
Remarks: Multiple Chains				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:				
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:				

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4052:09/07/2015				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 GWM 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)				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)-Ethylene diamine				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			
Sampler(s) Robert				Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____				Lab Number: SP 1510790 2-25173				Samp Num				Location Description				Date Sampled				Time Sampled																															
0				Travel Blank				G				LBW																																											
1				SMBRP-9				G				MW				1,1,1				1				2				1				2				1				1				1				1							
2				MCWP-MW04S				G				MW				1,1,1				1				2				1				2				1				1				1				1							
3				MCWP-MW07S				G				MW				1,1,1				1				2				1				2				1				1				1				1							
4				SMBRP-12				G				MW				1,1,1				1				2				1				2				1				1				1				1							
5				MCWP-04D				G				MW				1,1,1				1				2				1				2				1				1				1				1							
6				MCWP-07D				G				MW				1,1,1				1				2				1				2				1				1				1				1							
7				MCWP-MW09				G				MW				1,1,1				1				2				1				2				1				1				1				1							
8				TY-MW-1				G				MW				1,1,1				1				2				1				2				1				1				1				1							
9				LAMW-5S				G				MW				1,1,1				1				2				1				2				1				1				1				1							
Remarks: Multiple Chains Relinquished Date: 9/28/15 Time: 1400 Received By: [Signature] Date: 9/28/15 Time: 1400				Relinquished Date: 9/28/15 Time: 1520 Received By: [Signature] Date: 9/28/15 Time: 1520				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: _____											

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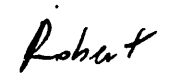
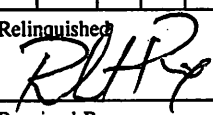
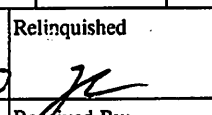
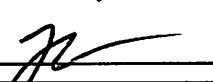
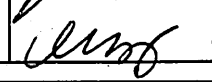
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CHAIN OF CUSTODY
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4052:09/07/2015				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information												
Client: Rincon Consultants, Inc. Address: Malibu Civic Center 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 GWM 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)												
Sampler(s)  Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____				Lab Number: SP 1510744 2-25173												
Samp Num	Location Description	Date Sampled	Time Sampled	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-NO3-N, TDS 16oz(P)					
0	Travel Blank			G LBW												
1	SMBRP-9			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
2	MCWP-MW04S			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
3	MCWP-MW07S			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
4	SMBRP-12			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
5	MCWP-04D	9/28/15	0936	G MW	2,1	1	1	1,1,1,1,2,2	1	X						
6	MCWP-07D			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
7	MCWP-MW09			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
8	TY-MW-1			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
9	LAMW-5S			G MW	2,1	1	1	1,1,1,1,2,2	1	X						
Remarks: Multiple Chains				Relinquished Date: 9/28/15 Time: 1400 				Relinquished Date: 9/28/15 Time: 1520 				Relinquished Date: _____ Time: _____				
				Received By: Date: 9/28/15 Time: 1400 				Received By: Date: 9/28/15 Time: 1520 				Received By: Date: _____ Time: _____				

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Chain of Custody Annual (4)

4057:09/01/2015				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 GWM - CECs 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)																								
Sampler(s) Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____				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** Other(AGT)																								
Lab Number: SP 2-25173				Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 500ml(AGT)																								
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti Type	System(SYS)	Source(SR)	Waste(W)	Bacti Reason	Repeat(RPT)	Replace(RPL)	Other(O)	Special(SPL)	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**	Other(AGT)	Sub Contracted-EPA 1625M NDMA	**Please include MDL Reporting**	500ml(AGT)
1	SMBRP-9			G	MW													1							2			
2	MCWP-MW04S			G	MW													2							2			
3	MCWP-MW07S			G	MW													2							2			
4	SMBRP-12			G	MW													2							2			
5	MCWP-04D	9/26	930	G	MW													2							2			
6	MCWP-07D			G	MW													2							2			
7	MCWP-MW09			G	MW													2							2			
8	TY-MW-1			G	MW													2							2			
9	LAMW-5S			G	MW													2							2			
Remarks:				Relinquished				Date:		Time:		Relinquished				Date:		Time:		Relinquished				Date:		Time:		
				Received By:				Date:		Time:		Received By:				Date:		Time:		Received By:				Date:		Time:		

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Subcontract to Weck Laboratories, Inc.

																	Map Ref.	
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: SP 1510788 - (2-25173) 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 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** 8oz(P) Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(P)													
Sampler(s) Robert Compositor Setup Date: ___/___/___ Time: ___/___																		
Lab Number:																		
Samp Num	Location Description	Date Sampled	Time Sampled															
5	MCWP-04D	09/28/15	09:36	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 Vista Analytical Laboratory

					Map Ref.																			
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: SP 1510788 - (2-25173) 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(ACT)														
Sampler(s) Robert Compositor Setup Date: ____/____/____ Time: ____/____																								
Lab Number:																								
Samp Num	Location Description	Date Sampled	Time Sampled																					
5	MCWP-04D	09/28/15	09:36	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.**

[illegible]

Subcontract to Babcock Laboratories, Inc.

				Map Ref.																	
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: SP 1510788 - (2-25173) 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																	
Sampler(s) Robert Compositor Setup Date: ___/___/___ Time: ___/___																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
0	Travel Blank	09/28/15	00:00	G	LBW																
5	MCWP-04D	09/28/15	09:36	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 / _____ / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** ☒ **No** ☐ **N/A**
6. Verify sample date, time, sampler ☒ **Yes** **No** ☐ **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ **Yes** **No** ☐
8. Were sample custody seals intact? ☒ **Yes** **No** ☐ **N/A**

Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 09/29/2015-10:20:20

Discrepancy Documentation:

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

1. Person Contacted: Robert Price Phone Number: 8052120152
Initiated By: Inez Covarrubias Date: 2015-09-28
Problem: **Missing one EPA1694 amber bottle**

Resolution: **Client aware. Weck is able to run analysis out of one bottle.**

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

Resolution: _____

(2025173)
Rincon Consultants, Inc.
SP 1510788
IV-09/29/2015-10:20:20

INVOICE




Invoice # 510597A

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

Account # 2025173	
Date Billed 10/05/2015	Amount Due \$144.00
Date Due 11/04/2015	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 09/23/2015	Lab Number SP 1510597
	Invoice # 510597A	Date Billed 10/05/2015	Amount Due \$144.00
Check Number	Date Paid	Date Due 11/04/2015	Amount Paid
Description of Work	Quantity	Rate	Charge
<u>Bacti Analysis</u>			
Coliform-LTB-Series 15 Tube	1	24.00	24.00
<u>Inorganic Analysis</u>			
Wet Chemistry-NO3-N,TDS	2	22.00	44.00
Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS	1	76.00	76.00
Total			144.00

(KDM-NL)

October 1, 2015

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

SP 1510597:12 **COLIFORM BACTERIA ANALYSIS**
 Customer ID : 2-25173

System Number :
 Project Name : Malibu WWTP - Baseline GWM

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1510597-012	CCPE	Source-Other	Peter	Not Available	09/23/2015 09:00	09/23/2015 15:34 LM	09/26/2015 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	CCPE	---	---	SM 9221B	MPN/100ml	> 1600	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.

RRH:SMH

Reviewed and
Approved By

Raquel R. Harvey



Digitally signed by Raquel R. Harvey
 Title: Tech Director Microbiology
 Date: 2015-10-01

Corporate Offices & Laboratory

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 Santa Paula, CA 93060
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 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
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 CA ELAP Certification No. 2670

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 FAX: (805)783-2912
 CA ELAP Certification No. 2775

Office & Laboratory

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

October 2, 2015

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

Lab ID : SP 1510597
 Customer : 2-25173

Laboratory Report

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

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

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
CCPE	09/23/2015	09/23/2015	SP 1510597-012	MW
MCWP-MW05	09/23/2015	09/23/2015	SP 1510597-015	MW
MCWP-MW06	09/23/2015	09/23/2015	SP 1510597-016	MW

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

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

Inorganic - Wet Chemistry QC

2540CE	09/24/2015:211147 All preparation quality controls are within established criteria
351.2	09/28/2015:211247 All preparation quality controls are within established criteria
4500NH3G	09/25/2015:214020 All analysis quality controls are within established criteria
	09/25/2015:211158 All preparation quality controls are within established criteria
4500NO2F	09/24/2015:211150 All preparation quality controls are within established criteria
4500NO3F	09/24/2015:214005 All analysis quality controls are within established criteria
	09/24/2015:214006 All analysis quality controls are within established criteria

October 2, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510597
Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	09/24/2015:211122 All preparation quality controls are within established criteria
4500-P B	09/28/2015:211268 All preparation quality controls are within established criteria
4500PE	09/30/2015:214131 All analysis quality controls are within established criteria
EPA351.2	09/29/2015:214147 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: 2015-10-02

October 2, 2015

Lab ID : SP 1510597-012

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : CCPE

Project : Malibu WWTP - Baseline GWM

Sampled On : September 23, 2015-09:00

Sampled By : Peter

Received On : September 23, 2015-15:15

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{P:1}								
Nitrate Nitrogen	1.4	0.1	mg/L		4500NO3F	09/24/15:211122	4500NO3F	09/24/15:214006
Nitrite Nitrogen	ND	0.1	mg/L		4500NO2F	09/24/15:211150	4500NO3F	09/24/15:214005
Nitrogen, Organic	ND	--	mg/L		4500NH3G	09/25/15:211158	4500NH3G	09/25/15:214020
Ammonia Nitrogen	ND	0.2	mg/L		4500NH3G	09/25/15:211158	4500NH3G	09/25/15:214020
Kjeldahl Nitrogen	ND	1	mg/L		351.2	09/28/15:211247	EPA351.2	09/29/15:214147
Phosphorus, Total	ND	0.1	mg/L		4500-P B	09/28/15:211268	4500PE	09/30/15:214131
Total Dissolved Solids (TFR)	1630	20	mg/L		2540CE	09/24/15:211147	2540C	09/25/15:213974

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2 ‡Surrogate. * PQL adjusted for dilution.

October 2, 2015

Lab ID : SP 1510597-015

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW05

Project : Malibu WWTP - Baseline GWM

Sampled On : September 23, 2015-12:40

Sampled By : Peter

Received On : September 23, 2015-15:15

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{P:1}								
Nitrate Nitrogen	2.3	0.1	mg/L		4500NO3F	09/24/15:211122	4500NO3F	09/24/15:214006
Total Dissolved Solids (TFR)	1400	20	mg/L		2540CE	09/24/15:211147	2540C	09/25/15:213974

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2 ‡Surrogate. * PQL adjusted for dilution.

October 2, 2015

Lab ID : SP 1510597-016

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW06

Project : Malibu WWTP - Baseline GWM

Sampled On : September 23, 2015-14:06

Sampled By : Peter

Received On : September 23, 2015-15:15

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{P:1}								
Nitrate Nitrogen	0.2	0.1	mg/L		4500NO3F	09/24/15:211122	4500NO3F	09/24/15:214006
Total Dissolved Solids (TFR)	1590	20	mg/L		2540CE	09/24/15:211147	2540C	09/25/15:213974

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: H2SO4 pH < 2 ‡Surrogate. * PQL adjusted for dilution.

October 2, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510597
 Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	09/24/15:211147CTL (CC 1583287-001)	Blank LCS Dup	mg/L mg/L mg/L	999.3	ND 101 % 1.0%	<20 90-110 5	
Nitrogen, Total Kjeldahl	351.2	09/28/15:211247CJJ (SP 1510567-001)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	12.00 12.00 12.00 12.00	ND 75.1 % 83.2 % 75.9 % 9.1%	<1 73-124 54-136 54-136 ≤27	
Ammonia Nitrogen	4500NH3G	(CC 1583262-001)	MS MSD MSRPD	mg/L mg/L mg/L	2.000 2.000 2.000	108 % 110 % 1.1%	70-130 70-130 ≤20	
			CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	2.000 2.000 2.000 2.000	-0.095 91.2 % -0.030 94.8 %	0.2 90-110 0.2 90-110	
	4500NO2F	(SP 1510597-012)	MS MSD MSRPD	mg/L mg/L mg/L	1.270 1.270 1.270	93.2 % 95.9 % 2.8%	50-150 50-150 ≤30	
Nitrate + Nitrite as N	4500NO3F	(SP 1510597-012)	MS MSD MSRPD	mg/L mg/L mg/L	11.27 11.27 11.27	90.2 % 93.6 % 3.3%	5-285 5-285 ≤30.4	
			ICB ICV CCB CCV	mg/L mg/L mg/L mg/L	11.27 11.27 11.27 11.27	0.094 93.6 % 0.112 93.9 %	0.1 90-110 0.1 90-110	
	4500NO3F	09/24/15:214006CJJ	ICB ICV CCB CCV	mg/L mg/L mg/L mg/L	1.270 1.270 1.270 1.270	0.005 95.3 % 0.005 95.7 %	0.2 90-110 0.2 90-110	
Phosphorus	4500-P B	09/28/15:211268CJJ (SP 1510597-012)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	0.5000 0.2500 0.2500 0.2500	ND 91.2 % 74.3 % 88.2 % 0.035	<0.1 90-116 25-292 25-292 ≤0.1	
			CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	0.5000 0.5000 0.5000 0.5000	-0.004 91.2 % 0.045 92.2 %	0.1 90-110 0.1 90-110	
	4500PE	09/30/15:214131MCA	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	0.5000 0.5000 0.5000 0.5000	-0.396 95.8 % -0.352 96.9 %	0.5 90-110 0.5 90-110	
Definition ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria. ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria. CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.								

October 2, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510597
Customer : 2-25173

Quality Control - Inorganic

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

4052:09/07/2015				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 GWM 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,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr-III 250ml(P)-HNO3 Wet Chemistry-Cl 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) Peter																				
Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____																				
Lab Number: SP 1510547 (103) 2-25173																				
Samp Num	Location Description	Date Sampled	Time Sampled																	
10	SMBRP-13			G	MW															
11	MCWP-MW10			G	MW															
12	CCPE	9/23/15	0900	G	MW															
13	MBCM-W-9			G	MW															
14	WF-MW-2			G	MW															
15	MCWP-MW05	9/23/15	1240	G	MW															
16	MCWP-MW06	9/23/15	1400	G	MW															
Remarks: Multiple Chains 14				Relinquished <i>[Signature]</i> Date: 9/23/15 Time: Received By: <i>[Signature]</i> Date: 9/23/15 Time: 1400																
				Relinquished <i>[Signature]</i> Date: 9/23/15 Time: 1510 Received By: <i>[Signature]</i> Date: 9/23/15 Time: 1515																

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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

4052:09/07/2015				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 GWM 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 Pct 1000ml(AGT) Radio Chemistry-Gross Alpha, Gross Beta, Strontium 90, Total Radium 226, Tritium, Uranium, Ra 228 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-NO3-N, TDS 16oz(P)																
Sampler(s) Peter																				
Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____																				
Lab Number: SP 1510547(203) 2-25173																				
Samp Num	Location Description	Date Sampled	Time Sampled																	
10	SMBRP-13			G	MW															
11	MCWP-MW10			G	MW															
12	CCPE	9/23/15	0900	G	MW															
13	MBCMW-9			G	MW															
14	WF-MW-2			G	MW															
15	MCWP-MW05	9/23/15	1240	G	MW															
16	MCWP-MW06	9/23/15	1406	G	MW															
Remarks: Multiple Chains				Relinquished Date: 9/23/15 Time: 1400 Received By: [Signature] Date: 9/23/15 Time: 1400				Relinquished Date: 9/23/15 Time: 1515 Received By: [Signature] Date: 9/23/15 Time: 1515				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____								

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 Fax: (805) 783-2912

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



CHAIN OF CUSTODY
www.fglinc.com

www.fglinc.com

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

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 / 14 / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? ☒ Yes ☐ No ☐ N/A
6. Verify sample date, time, sampler ☒ Yes ☐ No ☐ N/A
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No
8. Were sample custody seals intact? ☒ Yes ☐ No ☐ N/A

Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 09/23/2015-15:38:19

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 1510597
IV-09/23/2015-15:38:19

October 1, 2015

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

SP 1510539:3, 6 **COLIFORM BACTERIA ANALYSIS**
 Customer ID : 2-25173

System Number :
 Project Name : Malibu WWTP - Baseline GWM

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1510539-003	MCWP-MW07S	Source-Other	Peter	Not Available	09/22/2015 13:30	09/22/2015 16:25 LM	09/26/2015 LM
2	SP 1510539-006	MCWP-07D	Source-Other	Peter	Not Available	09/22/2015 11:25	09/22/2015 16:27 LM	09/24/2015 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	MCWP-MW07S	---	---	SM 9221B	MPN/100ml	4.5	< 1.8	---	N/R			
2	MCWP-07D	---	---	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: 2015-10-01

Corporate Offices & Laboratory

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 Santa Paula, CA 93060
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 CA ELAP Certification No. 2810

October 9, 2015

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

Lab ID : SP 1510539
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 96 pages divided into 3 sections:

Case Narrative	(7 pages) : An overview of the work performed at FGL.
Sample Results	(48 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	09/22/2015	09/22/2015	SP 1510539-000	LBW
MCWP-MW07S	09/22/2015	09/22/2015	SP 1510539-003	MW
MCWP-07D	09/22/2015	09/22/2015	SP 1510539-006	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 1510539-003	Chlorine, Total	15	1480.2 Minutes
SP 1510539-003	pH	15	2889 Minutes
SP 1510539-006	Chlorine, Total	15	1605 Minutes
SP 1510539-006	pH	15	3013.8 Minutes

All samples arrived on ice in 3 packages. 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.

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

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

Inorganic - Metals QC

200.1	09/23/2015:211054 All preparation quality controls are within established criteria.
200.7	09/23/2015:213953 All analysis quality controls are within established criteria.
	09/24/2015:213989 All analysis quality controls are within established criteria.
	09/24/2015:211103 All preparation quality controls are within established criteria.
200.8	09/24/2015:213977 All analysis quality controls are within established criteria.
	09/24/2015:214035 All analysis quality controls are within established criteria.
245.1	09/25/2015:214176 All analysis quality controls are within established criteria.
	09/25/2015:211198 All preparation quality controls are within established criteria.
3010	09/23/2015:211045 All preparation quality controls are within established criteria, except: The following note applies to Chromium, Copper: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Chromium, Copper: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

Organic QC

504	09/25/2015:211125 All preparation quality controls are within established criteria.
504.1	09/26/2015:214045 All analysis quality controls are within established criteria.
505	09/28/2015:214055 All analysis quality controls are within established criteria, except: The following note applies to Aldrin, Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/25/2015:211199 All preparation quality controls are within established criteria, except: The following note applies to Heptachlor Epoxide, Alachlor, Hexachlorobenzene, Dieldrin, Endrin: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Dieldrin, Heptachlor, Heptachlor Epoxide, Lindane, Methoxychlor: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Organic QC

507	10/07/2015:214573 All analysis quality controls are within established criteria.
	10/05/2015:211579 All preparation quality controls are within established criteria, except: The following note applies to EPN/Triphenylphosphate: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
515.3	09/29/2015:214198 All analysis quality controls are within established criteria.
	09/25/2015:211205 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, 2,4,5-Trichlorophenoxyacetic A, 2,4,5-TP (Silvex), Bentazon, Dalapon, Dicamba, Dinoseb, Pentachlorophenol, Piclor: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
524.2	09/28/2015:214641 All analysis quality controls are within established criteria, except: The following note applies to 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Bromomethane (Methyl Bromide), Dichlorodifluoromethane, Trichlorofluorom: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/29/2015:214641 All analysis quality controls are within established criteria, except: The following note applies to 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Bromomethane (Methyl Bromide), Dichlorodifluoromethane, Trichlorofluorom: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/28/2015:211711 All preparation quality controls are within established criteria, except: The following note applies to Dichlorodifluoromethane: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
531.1	10/05/2015:214499 All analysis quality controls are within established criteria.
	10/05/2015:211586 All preparation quality controls are within established criteria.
5310C	10/02/2015:214409 All analysis quality controls are within established criteria.
	10/02/2015:211193 All preparation quality controls are within established criteria.
547	09/30/2015:214266 All analysis quality controls are within established criteria.
	09/30/2015:211389 All preparation quality controls are within established criteria.
548.1	10/07/2015:214645 All analysis quality controls are within established criteria.
	09/29/2015:211326 All preparation quality controls are within established criteria.
549	09/29/2015:211324 All preparation quality controls are within established criteria, except:

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Organic QC

549	The following note applies to Diquat Dibromide: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
549.2	10/08/2015:214717 All analysis quality controls are within established criteria.
552	09/23/2015:211076 All preparation quality controls are within established criteria, except: The following note applies to Dibromoacetic Acid, Monobromoacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Monochloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Monochloroacetic Acid: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
552.2	09/29/2015:213947 All analysis quality controls are within established criteria.
608	10/03/2015:214403 All analysis quality controls are within established criteria.
	09/23/2015:211086 All preparation quality controls are within established criteria.
624	09/25/2015:214559 All analysis quality controls are within established criteria.
	09/25/2015:211632 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, 2-Hexanone, Dibromochloromethane, Bromodichloromethane, Chloroform, 2-Butanone (MEK), 4-Methyl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to 1,1,2,2-Tetrachloroethane, 1,2-Dichlorobenzene, 1,2-Dichloropropane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Chloroe: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
625	10/06/2015:214694 All analysis quality controls are within established criteria, except: The following note applies to 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4-Nitrophenol, Benzidine, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Benzo(b)fluora: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4-Nitrophenol, Benzidine, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Benzo(b)fluora: 362 Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
	10/08/2015:214700 All analysis quality controls are within established criteria.
	09/29/2015:211138 All preparation quality controls are within established criteria, except:

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Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Organic QC

625	The following note applies to 2,4-Dichlorophenol, 4,6-Dinitro-2-methylphenol, 4-Nitrophenol, Butylbenzylphthalate, Benzidine, Dibenzo(a,h)anthracene,: 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, Benzo(g,h,i)perylene, 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-Dichlorophenol, 4-Nitrophenol, Dibenzo(a,h)anthracene, Benzo(a)pyrene, Di-n-octylphthalate, Indeno(1,2,3-c,d)pyrene,: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
625P	10/01/2015:214372 All analysis quality controls are within established criteria. 09/29/2015:211325 All preparation quality controls are within established criteria, except: The following note applies to Endosulfan I: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

Radio QC

900.0	10/01/2015:214488 All analysis quality controls are within established criteria. 09/30/2015:211342 All preparation quality controls are within established criteria.
903.0	10/05/2015:214589 All analysis quality controls are within established criteria. 09/26/2015:211216 All preparation quality controls are within established criteria.
905.0	10/05/2015:214603 All analysis quality controls are within established criteria. 09/26/2015:211217 All preparation quality controls are within established criteria.
906.0	10/06/2015:214748 All analysis quality controls are within established criteria. 10/06/2015:211597 All preparation quality controls are within established criteria.
908.0	10/01/2015:214606 All analysis quality controls are within established criteria. 09/30/2015:211341 All preparation quality controls are within established criteria.
Ra - 05	10/04/2015:214456 All analysis quality controls are within established criteria. 09/26/2015:211215 All preparation quality controls are within established criteria.

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Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Inorganic - Wet Chemistry QC

1664	10/01/2015:211357 All preparation quality controls are within established criteria.
2120B	09/24/2015:214381 All analysis quality controls are within established criteria.
	09/24/2015:211492 All preparation quality controls are within established criteria.
2130B	09/23/2015:213949 All analysis quality controls are within established criteria.
	09/23/2015:211102 All preparation quality controls are within established criteria.
2150B	09/23/2015:211130 All preparation quality controls are within established criteria.
218.6	09/25/2015:214181 All analysis quality controls are within established criteria.
	09/25/2015:211313 All preparation quality controls are within established criteria.
2320B	09/23/2015:214018 All analysis quality controls are within established criteria.
	09/23/2015:211043 All preparation quality controls are within established criteria, except: The following note applies to Alkalinity (as CaCO ₃), Bicarbonate: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
2510B	09/23/2015:213889 All analysis quality controls are within established criteria.
	09/23/2015:211057 All preparation quality controls are within established criteria.
2540CE	09/23/2015:211080 All preparation quality controls are within established criteria.
2540D	09/28/2015:211255 All preparation quality controls are within established criteria.
300.0	09/23/2015:213893 All analysis quality controls are within established criteria.
	09/22/2015:211049 All preparation quality controls are within established criteria.
314.0	09/28/2015:214174 All analysis quality controls are within established criteria.
	09/28/2015:211245 All preparation quality controls are within established criteria.
351.2	09/23/2015:211047 All preparation quality controls are within established criteria.
4500CIG	09/23/2015:213927 All analysis quality controls are within established criteria.
	09/23/2015:211088 All preparation quality controls are within established criteria.

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Inorganic - Wet Chemistry QC

4500CNCE	09/27/2015:214071 All analysis quality controls are within established criteria.
	09/27/2015:211218 All preparation quality controls are within established criteria.
4500-H B	09/24/2015:211139 All preparation quality controls are within established criteria.
4500HB	09/24/2015:213992 All analysis quality controls are within established criteria.
4500NH3G	09/23/2015:213881 All analysis quality controls are within established criteria.
	09/23/2015:211042 All preparation quality controls are within established criteria.
4500NO3F	09/23/2015:213921 All analysis quality controls are within established criteria.
	09/23/2015:211058 All preparation quality controls are within established criteria.
4500-P B	09/25/2015:211201 All preparation quality controls are within established criteria.
4500PE	09/25/2015:214052 All analysis quality controls are within established criteria.
5210B	09/27/2015:214100 All analysis quality controls are within established criteria.
	09/22/2015:211027 All preparation quality controls are within established criteria, except: The following note applies to BOD: 735 Dilution water exceeded DO uptake method criteria
5540C	09/23/2015:213981 All analysis quality controls are within established criteria.
	09/23/2015:211128 All preparation quality controls are within established criteria.
EPA351.2	09/25/2015:213875 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: 2015-10-09

October 9, 2015

Lab ID : SP 1510539-000

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : Travel Blank

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-00:00

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	112	70-130		%	1		504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:20SBL	
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:20SBL	
EDB	ND	0.02	0.0020	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:20SBL	
EPA 524.2 VOA:13												
4-Bromofluorobenzene [‡]	84.6	70-130		%	1		524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
1,2-Dichlorobenzene-d4 [‡]	84.6	70-130		%	1		524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Benzene	ND	0.5	0.040	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Bromobenzene	ND	0.5	0.051	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Bromochloromethane	ND	0.5	0.067	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Bromodichloromethane	ND	0.5	0.036	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Bromoform	ND	0.5	0.048	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Bromomethane	ND	0.5	0.18	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
n-Butylbenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
sec-Butylbenzene	ND	0.5	0.016	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
tert-Butylbenzene	ND	0.5	0.021	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Chlorobenzene	ND	0.5	0.030	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Chloroethane	ND	0.5	0.13	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Chloroform	ND	0.5	0.038	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	
Chloromethane	ND	0.5	0.20	ug/L	1	U	524.2	211711 09/28/15 08:00		524.2	214641-GM214 09/29/15-00:10VRG	

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
2-Chlorotoluene	ND	0.5	0.047	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
4-Chlorotoluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Dibromochloromethane	ND	0.5	0.034	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Dibromomethane	ND	0.5	0.089	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,2-Dichlorobenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,3-Dichlorobenzene	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,4-Dichlorobenzene	ND	0.5	0.029	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Dichlorodifluoromethane	ND	0.5	0.00082	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1-Dichloroethane	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,2-Dichloroethane	ND	0.5	0.064	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1-Dichloroethylene	ND	0.5	0.084	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
cis-1,2-Dichloroethylene	ND	0.5	0.085	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
trans-1,2-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,3-Dichloropropane	ND	0.5	0.020	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Dichloromethane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
2,2-Dichloropropane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1-Dichloropropene	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,3-Dichloropropene (Total)	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Di-isopropyl ether (DIPE)	ND	2	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Ethyl Benzene	ND	0.5	0.032	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.049	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Hexachlorobutadiene	ND	0.5	0.14	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Isopropylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
p-Isopropyltoluene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Naphthalene	ND	0.5	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
n-Propylbenzene	ND	0.5	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Styrene	ND	0.5	0.023	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.031	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Tetrachloroethylene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Toluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,2,3-Trichlorobenzene	ND	0.5	0.40	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,2,4-Trichlorobenzene	ND	0.5	0.17	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1,1-Trichloroethane	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1,2-Trichloroethane	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Trichloroethylene	ND	0.5	0.050	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Trichlorofluoromethane	ND	0.5	0.076	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.11	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,2,4-Trimethylbenzene	ND	0.5	0.013	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
1,3,5-Trimethylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Vinyl Chloride	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Xylenes (Total)	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
Total Trihalomethanes	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/29/15-00:10VRG
DQF Flags Definition:												
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.

October 9, 2015

Lab ID : SP 1510539-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW07S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-13:30

Sampled By : Peter

Received On : September 22, 2015-16:45

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:15												
Total Hardness as CaCO3	611	2.5	0.13	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Calcium	101	1	0.13	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Magnesium	87.2	1	0.0081	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Potassium	7.64	1	0.037	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Sodium	167	1	0.17	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Total Cations	19.7	0.1	0.13	meq/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Boron	0.410	0.05	0.00089	mg/L	1	U	200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Copper	21.0	10	1.1	ug/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Iron	37800	250	2.3	ug/L	5		200.1	211054	09/23/15 04:00	200.7	213989-IT203	09/24/15-11:47AC
Manganese	695	10	0.13	ug/L	1		200.1	211054	09/23/15 04:00	200.7	213989-IT203	09/24/15-11:44AC
Zinc	112	20	3.2	ug/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
SAR	2.94	0.1	0.13	--	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Total Alkalinity (as CaCO3)	454	10	1.1	mg/L	1	J	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Bicarbonate as HCO3	553	10	1.1	mg/L	1.000	J	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Sulfate	294	5	0.037	mg/L	5		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:25KD
Chloride	227	5	0.042	mg/L	5		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:25KD
Nitrate as NO3	28.8	0.4	0.033	mg/L	1		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral ^{P:15}												
Nitrate + Nitrite as N	6.50	0.1	0.033	mg/L	1		300.0	211049 09/22/15 17:10		300.0	213893-IC208 09/23/15-01:09KD	
Fluoride	0.520	0.1	0.027	mg/L	1	b	300.0	211049 09/22/15 17:10		300.0	213893-IC208 09/23/15-01:09KD	
Total Anions	22.1	0.1	1.1	meq/L	1.000	Jb	2320B	211043 09/23/15 04:00		2320B	214018-MT201 09/23/15-11:44AMB	
pH	7.22	--	0.0	units	1	T	4500-H B	211139 09/24/15 13:39		4500HB	213992-PH203 09/24/15-13:53JMG	
Specific Conductance	1940	1	0.16	umhos/cm	1		2510B	211057 09/23/15 09:59		2510B	213889-EC205 09/23/15-12:04JMG	
Total Dissolved Solids	1230	40	5.8	mg/L	1	b	2540CE	211080 09/23/15 12:32		2540C	213960-WT219 09/24/15-09:54CTL	
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	211128 09/23/15 09:20		5540C	213981-JMG 09/23/15-09:35jmg	
Aggressiveness Index	12.3	1	0.0	--	1		4500-H B	211139 09/24/15 13:39		4500HB	213992-PH203 09/24/15-13:53JMG	
Langelier Index (20°C)	0.4	1	0.0	--	1	bJ	4500-H B	211139 09/24/15 13:39		4500HB	213992-PH203 09/24/15-13:53JMG	
Nitrate Nitrogen	6.50	0.1	0.0082	mg/L	1		300.0	211049 09/22/15 17:10		300.0	213893-IC208 09/23/15-01:09KD	
Metals, Total ^{P:15}												
Aluminum	10.5	0.5	0.00014	mg/L	50		3010	211045 09/23/15 04:00		200.8	214035-IX202 09/24/15-13:02AC	
Antimony	0.000527	0.001	0.000039	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Arsenic	0.00475	0.002	0.000054	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Barium	0.115	0.0002	0.000032	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Beryllium	0.000296	0.0002	0.000043	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Cadmium	0.000200	0.0002	0.000029	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Chromium	0.0414	0.001	0.000028	mg/L	1	hP	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Copper	0.0108	0.001	0.000019	mg/L	1	hP	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Lead	0.00455	0.0002	0.000012	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Mercury	0.0000183	0.00001	0.000028	mg/L	1	J	245.1	211198 09/25/15 08:00		245.1	214176-HG204 09/25/15-15:50AC	
Nickel	0.0266	0.001	0.000021	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Selenium	0.00153	0.002	0.00015	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Silver	0.0000390	0.001	0.000012	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Thallium	0.0000890	0.0002	0.000014	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Chromium III	0.0405	0.001	0.000028	mg/L	1	hP	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:23AC	
Wet Chemistry ^{AGT:1}												
BOD	0.87	4.3	0.19	mg/L	2.1667	Jb	5210B	211027 09/22/15 19:00		5210B	214100-O2202 09/27/15-13:30AMM	
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	211088 09/23/15 14:10		4500CIG	213927-UV207 09/23/15-15:12AMM	
Chromium VI	0.862	0.1	0.012	ug/L	1		218.6	211313 09/25/15 13:45		218.6	214181-IC209 09/25/15-19:24MCA	

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{AGT:1}												
Color	<5.00	5	0.0	units	1	U	2120B	211492	09/24/15 08:50	2120B	214381-JMG	09/24/15-08:55jmg
Cyanide, Total	ND	0.01	0.0010	mg/L	1	Ub	4500CNCE	211218	09/27/15 12:30	4500CNCE	214071-UV205	09/27/15-17:34AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211042	09/23/15 04:00	4500NH3G	213881-FI207	09/23/15-07:47AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211042	09/23/15 04:00	4500NH3G	213881-FI207	09/23/15-07:47AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:11AMB
Nitrogen, Total as Nitrogen	6.71	0.5	0.32	mg/L	1		351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:11AMB
Nitrate + Nitrite as N	6.71	0.1	0.032	mg/L	1		4500NO3F	211058	09/23/15 10:08	4500NO3F	213921-FI207	09/23/15-13:09CJJ
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:11AMB
Odor	ND	1	0.0	TON	1	U	2150B	211130	09/23/15 09:00	2150B	213983-JMG	09/23/15-09:34jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	Ub	1664	211357	10/01/15 14:00	1664	214332-WT215	10/01/15-18:33AMM
Phosphorus, Total	0.451	0.1	0.031	mg/L	1	b	4500-P B	211201	09/25/15 14:29	4500PE	214052-UV205	09/25/15-17:19CJJ
Solids, Total Suspended (TSS)	237	10	0.49	mg/L	10		2540D	211255	09/28/15 16:10	2540D	214265-WT215	09/30/15-16:30JBA
Turbidity	9.76	0.2	0.048	NTU	1		2130B	211102	09/23/15 18:01	2130B	213949-TR203	09/23/15-18:04jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211245	09/28/15 11:10	314.0	214174-IC207	09/28/15-18:16SBL
DQF Flags Definition:												
b	The Blank was positive for constituent but less than the PQL											
h	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

October 9, 2015

Lab ID : SP 1510539-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW07S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-13:30

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:1'S												
Total Hardness as CaCO3	611	2.5	0.13	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Calcium	101	1	0.13	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Magnesium	87.2	1	0.0081	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Potassium	7.64	1	0.037	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Sodium	167	1	0.17	mg/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Total Cations	19.7	0.1	0.13	meq/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Boron	0.410	0.05	0.00089	mg/L	1	U	200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Copper	21.0	10	1.1	ug/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Iron	37800	250	2.3	ug/L	5		200.1	211054	09/23/15 04:00	200.7	213989-IT203	09/24/15-11:47AC
Manganese	695	10	0.13	ug/L	1		200.1	211054	09/23/15 04:00	200.7	213989-IT203	09/24/15-11:44AC
Zinc	112	20	3.2	ug/L	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
SAR	2.94	0.1	0.13	--	1		200.1	211054	09/23/15 04:00	200.7	213953-IT203	09/23/15-13:42AC
Total Alkalinity (as CaCO3)	454	10	1.1	mg/L	1	J	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Bicarbonate as HCO3	553	10	1.1	mg/L	1.000	J	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
Sulfate	294	5	0.037	mg/L	5		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:25KD
Chloride	227	5	0.042	mg/L	5		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:25KD
Nitrate as NO3	28.8	0.4	0.033	mg/L	1		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral ^{P:15}												
Nitrate + Nitrite as N	6.50	0.1	0.033	mg/L	1		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD
Fluoride	0.520	0.1	0.027	mg/L	1	b	300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD
Total Anions	22.1	0.1	1.1	meq/L	1.000	Jb	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:44AMB
pH	7.22	--	0.0	units	1	T	4500-H B	211139	09/24/15 13:39	4500HB	213992-PH203	09/24/15-13:53JMG
Specific Conductance	1940	1	0.16	umhos/cm	1		2510B	211057	09/23/15 09:59	2510B	213889-EC205	09/23/15-12:04JMG
Total Dissolved Solids	1230	40	5.8	mg/L	1	b	2540CE	211080	09/23/15 12:32	2540C	213960-WT219	09/24/15-09:54CTL
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	211128	09/23/15 09:20	5540C	213981-JMG	09/23/15-09:35jmg
Aggressiveness Index	12.3	1	0.0	--	1		4500-H B	211139	09/24/15 13:39	4500HB	213992-PH203	09/24/15-13:53JMG
Langelier Index (20°C)	0.4	1	0.0	--	1	bJ	4500-H B	211139	09/24/15 13:39	4500HB	213992-PH203	09/24/15-13:53JMG
Nitrate Nitrogen	6.50	0.1	0.0082	mg/L	1		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:09KD
Metals, Total ^{P:15}												
Aluminum	10.5	0.5	0.00014	mg/L	50		3010	211045	09/23/15 04:00	200.8	214035-IX202	09/24/15-13:02AC
Antimony	0.000527	0.001	0.000039	mg/L	1	J	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Arsenic	0.00475	0.002	0.000054	mg/L	1		3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Barium	0.115	0.0002	0.000032	mg/L	1		3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Beryllium	0.000296	0.0002	0.000043	mg/L	1		3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Cadmium	0.000200	0.0002	0.000029	mg/L	1		3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Chromium	0.0414	0.001	0.000028	mg/L	1	hP	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Copper	0.0108	0.001	0.000019	mg/L	1	hP	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Lead	0.00455	0.0002	0.000012	mg/L	1		3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Mercury	0.0000183	0.00001	0.000028	mg/L	1	J	245.1	211198	09/25/15 08:00	245.1	214176-HG204	09/25/15-15:50AC
Nickel	0.0266	0.001	0.000021	mg/L	1		3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Selenium	0.00153	0.002	0.00015	mg/L	1	J	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Silver	0.0000390	0.001	0.000012	mg/L	1	J	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Thallium	0.0000890	0.0002	0.000014	mg/L	1	J	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Chromium III	0.0405	0.001	0.000028	mg/L	1	hP	3010	211045	09/23/15 04:00	200.8	213977-IX202	09/24/15-09:23AC
Wet Chemistry ^{AGT:1}												
BOD	0.87	4.3	0.19	mg/L	2.1667	Jb	5210B	211027	09/22/15 19:00	5210B	214100-O2202	09/27/15-13:30AMM
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	211088	09/23/15 14:10	4500CIG	213927-UV207	09/23/15-15:12AMM
Chromium VI	0.862	0.1	0.012	ug/L	1		218.6	211313	09/25/15 13:45	218.6	214181-IC209	09/25/15-19:24MCA

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{AGT:1}												
Color	<5.00	5	0.0	units	1	U	2120B	211492	09/24/15 08:50	2120B	214381-JMG	09/24/15-08:55jmg
Cyanide, Total	ND	0.01	0.0010	mg/L	1	Ub	4500CNCE	211218	09/27/15 12:30	4500CNCE	214071-UV205	09/27/15-17:34AMM
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	211042	09/23/15 04:00	4500NH3G	213881-FI207	09/23/15-07:47AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	211042	09/23/15 04:00	4500NH3G	213881-FI207	09/23/15-07:47AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:11AMB
Nitrogen, Total as Nitrogen	6.71	0.5	0.32	mg/L	1		351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:11AMB
Nitrate + Nitrite as N	6.71	0.1	0.032	mg/L	1		4500NO3F	211058	09/23/15 10:08	4500NO3F	213921-FI207	09/23/15-13:09CJJ
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:11AMB
Odor	ND	1	0.0	TON	1	U	2150B	211130	09/23/15 09:00	2150B	213983-JMG	09/23/15-09:34jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.1111	Ub	1664	211357	10/01/15 14:00	1664	214332-WT215	10/01/15-18:33AMM
Phosphorus, Total	0.451	0.1	0.031	mg/L	1	b	4500-P B	211201	09/25/15 14:29	4500PE	214052-UV205	09/25/15-17:19CJJ
Solids, Total Suspended (TSS)	237	10	0.49	mg/L	10		2540D	211255	09/28/15 16:10	2540D	214265-WT215	09/30/15-16:30JBA
Turbidity	9.76	0.2	0.048	NTU	1		2130B	211102	09/23/15 18:01	2130B	213949-TR203	09/23/15-18:04jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211245	09/28/15 11:10	314.0	214174-IC207	09/28/15-18:16SBL

DQF Flags Definition:

- b The Blank was positive for constituent but less than the PQL
- h 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

October 9, 2015

Lab ID : SP 1510539-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW07S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-13:30

Sampled By : Peter

Received On : September 22, 2015-16:45

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	98.9	70-130		%	1		504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:56SBL	
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:56SBL	
EDB	ND	0.02	0.0020	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:56SBL	
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	80.2	70-130		%	1		505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Alachlor	ND	0.2	0.17	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Chlordane	ND	0.1	0.034	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Dieldrin	ND	0.01	0.0028	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Endrin	ND	0.01	0.0043	ug/L	1	Ubh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Heptachlor	ND	0.01	0.0038	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	Ubh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 ^{VOA:1}												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	211199	09/25/15 15:45	505	214055-GC215	09/28/15-20:40SBL
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	211199	09/25/15 15:45	505	214055-GC215	09/28/15-20:40SBL
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	211199	09/25/15 15:45	505	214055-GC215	09/28/15-20:40SBL
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	211199	09/25/15 15:45	505	214055-GC215	09/28/15-20:40SBL
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	73.2	70-130		%	0.95238		507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Alachlor	ND	0.95	0.16	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Atrazine	ND	0.95	0.14	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Bromacil	ND	1.9	0.12	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Butachlor	ND	0.95	0.21	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Diazinon	ND	1.9	0.18	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Dimethoate	ND	1.9	0.089	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Metolachlor	ND	0.95	0.41	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Metribuzin	ND	0.48	0.24	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Molinate	ND	1.9	0.13	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Prometryne	ND	1.9	0.095	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Propachlor	ND	0.95	0.12	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Simazine	ND	0.95	0.16	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Thiobencarb	ND	0.95	0.15	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
Cyanazine	ND	0.95	0.11	ug/L	0.95238	U	507	211579	10/05/15 13:59	507	214573-GC218	10/07/15-04:58SG
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	77.7	70-130		%	1		515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
Bentazon	ND	2	0.45	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
2,4-D	ND	2	0.90	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
Dicamba	ND	1	0.29	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
Dinoseb	ND	1	0.49	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
Pentachlorophenol	ND	0.2	0.10	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
Picloram	ND	1	0.18	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 ^{AGT:1}												
2,4,5-T	ND	1	0.42	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	91.6	70-130		%	1		524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichlorobenzene-d4 [‡]	91.3	70-130		%	1		524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Benzene	ND	0.5	0.040	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromobenzene	ND	0.5	0.051	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromochloromethane	ND	0.5	0.067	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromodichloromethane	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromoform	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromomethane	ND	0.5	0.18	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
n-Butylbenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
sec-Butylbenzene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
tert-Butylbenzene	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chlorobenzene	ND	0.5	0.030	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chloroethane	ND	0.5	0.13	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chloroform	ND	0.5	0.038	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chloromethane	ND	0.5	0.20	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
2-Chlorotoluene	ND	0.5	0.047	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
4-Chlorotoluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dibromochloromethane	ND	0.5	0.034	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dibromomethane	ND	0.5	0.089	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichlorobenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3-Dichlorobenzene	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,4-Dichlorobenzene	ND	0.5	0.029	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dichlorodifluoromethane	ND	0.5	0.00082	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1-Dichloroethane	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichloroethane	ND	0.5	0.064	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1-Dichloroethylene	ND	0.5	0.084	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
cis-1,2-Dichloroethylene	ND	0.5	0.085	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
trans-1,2-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3-Dichloropropane	ND	0.5	0.020	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dichloromethane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
2,2-Dichloropropane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1-Dichloropropene	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3-Dichloropropene (Total)	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Di-isopropyl ether (DIPE)	ND	2	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Ethyl Benzene	ND	0.5	0.032	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.049	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Hexachlorobutadiene	ND	0.5	0.14	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Isopropylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
p-Isopropyltoluene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Naphthalene	ND	0.5	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
n-Propylbenzene	ND	0.5	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Styrene	ND	0.5	0.023	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.031	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Tetrachloroethylene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Toluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2,3-Trichlorobenzene	ND	0.5	0.40	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2,4-Trichlorobenzene	ND	0.5	0.17	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,1-Trichloroethane	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,2-Trichloroethane	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Trichloroethylene	0.157	0.5	0.050	ug/L	1	J	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Trichlorofluoromethane	ND	0.5	0.076	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.11	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2,4-Trimethylbenzene	ND	0.5	0.013	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3,5-Trimethylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Vinyl Chloride	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes (Total)	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Total Trihalomethanes	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
EPA 531.1 AGT:18												
Aldicarb	ND	3	0.59	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Aldicarb Sulfone	ND	2	0.37	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Aldicarb Sulfoxide	ND	3	0.23	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Carbaryl	ND	5	0.52	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Carbofuran	ND	5	0.49	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
3-Hydroxycarbofuran	ND	10	0.80	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Methomyl	ND	5	0.44	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Oxamyl	ND	5	0.34	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211389	09/30/15 16:32	547	214266-LC204	09/30/15-19:02SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211326	09/29/15 15:00	548.1	214645-GC220	10/07/15-22:44SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211324	09/29/15 14:37	549.2	214717-LC204	10/08/15-14:25SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	97.1	70-130		%	1	f	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Bromoacetic Acid	0.246	1	0.18	ug/L	1	Jfh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Chloroacetic Acid	15.0	2	0.23	ug/L	1	fbh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Ufbh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Haloacetic acids (five)	15.2	1	0.18	ug/L	1	Jfhh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	54.6	26-141		%	0.9434		608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
Chlordane	ND	1.9	0.16	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
Toxaphene	ND	1.9	0.18	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1016	ND	0.47	0.10	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1221	ND	0.47	0.084	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1232	ND	0.47	0.19	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1242	ND	0.47	0.11	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1248	ND	0.47	0.064	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1254	ND	0.47	0.13	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1260	ND	0.47	0.049	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	108	70-161		%	1	f	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Fluorobenzene [‡]	101	72-139		%	1	f	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Pentafluorobenzene [‡]	101	59-151		%	1	f	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Acetone	ND	50	2.5	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Acrolein	ND	5	4.1	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Acrylonitrile	ND	2	1.2	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Benzene	ND	0.5	0.040	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Bromodichloromethane	ND	0.5	0.026	ug/L	1	Ufh	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Bromoform	ND	1	0.042	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Bromomethane	ND	0.5	0.24	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
2-Butanone (MEK)	ND	10	1.3	ug/L	1	Ufh	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Carbon Disulfide	ND	5	1.1	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Carbon Tetrachloride	ND	0.5	0.025	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chlorobenzene	ND	0.5	0.047	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
2-Chloroethylvinyl ether	ND	10	2.2	ug/L	1	Uf hb	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chloroform	ND	0.5	0.063	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chloromethane	ND	0.5	0.17	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Dibromochloromethane	ND	0.5	0.030	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,2-Dichlorobenzene	ND	0.5	0.052	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,3-Dichlorobenzene	ND	0.5	0.051	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,4-Dichlorobenzene	ND	0.5	0.054	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1-Dichloroethane	ND	0.5	0.050	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,2-Dichloroethane	ND	0.5	0.036	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1-Dichloroethylene	ND	0.5	0.036	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
trans-1,2-Dichloroethylene	ND	1	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,2-Dichloropropane	ND	0.5	0.037	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
cis-1,3-Dichloropropene	ND	0.5	0.052	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
trans-1,3-Dichloropropene	ND	1	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Ethyl Benzene	ND	0.5	0.045	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
4-Methyl-2-pentanone (MIBK)	ND	5	1.3	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Methylene Chloride	ND	0.5	0.052	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.042	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Styrene	ND	0.5	0.061	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.095	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Tetrachloroethylene	ND	0.5	0.099	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Toluene	ND	0.5	0.045	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1,1-Trichloroethane	ND	0.5	0.082	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1,2-Trichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Trichloroethylene	ND	0.5	0.11	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Trichlorofluoromethane	ND	1.5	0.072	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Vinyl Acetate	ND	100	4.2	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Vinyl Chloride	ND	0.5	0.15	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Xylenes m,p	ND	0.5	0.16	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Xylenes o	ND	0.5	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Xylenes	ND	0.5	0.16	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	45.7	15-91		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2-Fluorophenol [‡]	50.5	12-86		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Nitrobenzene-d5 [‡]	57.8	9-95		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Phenol-d6 [‡]	54.7	7-77		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
p-Terphenyl-d14 [‡]	38.9	37-100		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4,6-Tribromophenol [‡]	57.9	18-105		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Acenaphthene	ND	0.94	0.50	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Acenaphthylene	ND	0.94	0.39	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzidine	ND	9.4	1.8	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Ethylhexyl)phthalate	0.453	1.9	0.41	ug/L	0.9434	J	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Chrysene	ND	0.94	0.51	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Diethylphthalate	ND	0.94	0.34	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Dimethylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-03:33SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Fluoranthene	ND	0.94	0.44	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Fluorene	ND	0.94	0.62	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-03:33SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Isophorone	ND	0.94	0.41	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Naphthalene	ND	0.94	0.55	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Nitrobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 ^{AGT:1}												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Pentachlorophenol	ND	1.9	0.91	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Phenanthrene	ND	0.94	0.50	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Phenol	ND	0.94	0.88	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Pyrene	ND	0.94	0.46	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Pyridine	ND	9.4	0.32	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	4.8	0.91	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Alpha BHC	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Beta BHC	ND	4.8	1.5	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Delta BHC	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Dieldrin	ND	4.8	1.5	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endosulfan I	ND	4.8	2.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endosulfan II	ND	4.8	2.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endrin	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endrin Ketone	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Heptachlor	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Methoxychlor	ND	4.8	0.46	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
cis_Nonachlor	ND	48	1.6	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
o,p - DDD	ND	4.8	0.54	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
o,p - DDE	ND	4.8	0.35	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
o,p - DDT	ND	4.8	0.95	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
trans-Nonachlor	ND	48	1.2	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Tetrachloro-m-xylene [‡]	42.0	26-90		%	0.96154		625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
TOC ^{AVT:14}												
TOC	0.722	0.5	0.15	mg/L	1	b	5310C	211193	10/02/15 15:44	5310C	214409-TC203	10/02/15-21:11AMM
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.

October 9, 2015

Lab ID : SP 1510539-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW07S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-13:30

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	98.9	70-130		%	1		504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:56SBL	
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:56SBL	
EDB	ND	0.02	0.0020	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-04:56SBL	
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	80.2	70-130		%	1		505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Alachlor	ND	0.2	0.17	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Chlordane	ND	0.1	0.034	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Dieldrin	ND	0.01	0.0028	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Endrin	ND	0.01	0.0043	ug/L	1	Ubh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Heptachlor	ND	0.01	0.0038	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	Ubh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-20:40SBL	

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 ^{VOA:1}												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	211199 09/25/15 15:45	505	214055-GC215 09/28/15-20:40SBL		
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	211199 09/25/15 15:45	505	214055-GC215 09/28/15-20:40SBL		
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	211199 09/25/15 15:45	505	214055-GC215 09/28/15-20:40SBL		
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	211199 09/25/15 15:45	505	214055-GC215 09/28/15-20:40SBL		
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	73.2	70-130		%	0.95238		507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Alachlor	ND	0.95	0.16	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Atrazine	ND	0.95	0.14	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Bromacil	ND	1.9	0.12	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Butachlor	ND	0.95	0.21	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Diazinon	ND	1.9	0.18	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Dimethoate	ND	1.9	0.089	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Metolachlor	ND	0.95	0.41	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Metribuzin	ND	0.48	0.24	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Molinate	ND	1.9	0.13	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Prometryne	ND	1.9	0.095	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Propachlor	ND	0.95	0.12	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Simazine	ND	0.95	0.16	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Thiobencarb	ND	0.95	0.15	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
Cyanazine	ND	0.95	0.11	ug/L	0.95238	U	507	211579 10/05/15 13:59	507	214573-GC218 10/07/15-04:58SG		
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	77.7	70-130		%	1		515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
Bentazon	ND	2	0.45	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
2,4-D	ND	2	0.90	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
Dicamba	ND	1	0.29	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
Dinoseb	ND	1	0.49	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
Pentachlorophenol	ND	0.2	0.10	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
Picloram	ND	1	0.18	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	UI	515.3	211205 09/25/15 12:29	515.3	214198-GC215 09/29/15-21:35SG		

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 ^{AGT:1}												
2,4,5-T	ND	1	0.42	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-21:35SG
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	91.6	70-130		%	1		524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichlorobenzene-d4 [‡]	91.3	70-130		%	1		524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Benzene	ND	0.5	0.040	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromobenzene	ND	0.5	0.051	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromochloromethane	ND	0.5	0.067	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromodichloromethane	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromoform	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Bromomethane	ND	0.5	0.18	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
n-Butylbenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
sec-Butylbenzene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
tert-Butylbenzene	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chlorobenzene	ND	0.5	0.030	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chloroethane	ND	0.5	0.13	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chloroform	ND	0.5	0.038	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Chloromethane	ND	0.5	0.20	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
2-Chlorotoluene	ND	0.5	0.047	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
4-Chlorotoluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dibromochloromethane	ND	0.5	0.034	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dibromomethane	ND	0.5	0.089	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichlorobenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3-Dichlorobenzene	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,4-Dichlorobenzene	ND	0.5	0.029	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dichlorodifluoromethane	ND	0.5	0.00082	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1-Dichloroethane	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichloroethane	ND	0.5	0.064	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1-Dichloroethylene	ND	0.5	0.084	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
cis-1,2-Dichloroethylene	ND	0.5	0.085	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
trans-1,2-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3-Dichloropropane	ND	0.5	0.020	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Dichloromethane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
2,2-Dichloropropane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1-Dichloropropene	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3-Dichloropropene (Total)	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Di-isopropyl ether (DIPE)	ND	2	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Ethyl Benzene	ND	0.5	0.032	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.049	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Hexachlorobutadiene	ND	0.5	0.14	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Isopropylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
p-Isopropyltoluene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Naphthalene	ND	0.5	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
n-Propylbenzene	ND	0.5	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Styrene	ND	0.5	0.023	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.031	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Tetrachloroethylene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Toluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2,3-Trichlorobenzene	ND	0.5	0.40	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2,4-Trichlorobenzene	ND	0.5	0.17	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,1-Trichloroethane	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,2-Trichloroethane	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Trichloroethylene	0.157	0.5	0.050	ug/L	1	J	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Trichlorofluoromethane	ND	0.5	0.076	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.11	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,2,4-Trimethylbenzene	ND	0.5	0.013	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
1,3,5-Trimethylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Vinyl Chloride	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes (Total)	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
Total Trihalomethanes	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:31VRG
EPA 531.1 AGT:18												
Aldicarb	ND	3	0.59	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Aldicarb Sulfone	ND	2	0.37	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Aldicarb Sulfoxide	ND	3	0.23	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Carbaryl	ND	5	0.52	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Carbofuran	ND	5	0.49	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
3-Hydroxycarbofuran	ND	10	0.80	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Methomyl	ND	5	0.44	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
Oxamyl	ND	5	0.34	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:10SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211389	09/30/15 16:32	547	214266-LC204	09/30/15-19:02SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211326	09/29/15 15:00	548.1	214645-GC220	10/07/15-22:44SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211324	09/29/15 14:37	549.2	214717-LC204	10/08/15-14:25SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	97.1	70-130		%	1	f	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Bromoacetic Acid	0.246	1	0.18	ug/L	1	Jfh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Chloroacetic Acid	15.0	2	0.23	ug/L	1	fbh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Ufbh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
Haloacetic acids (five)	15.2	1	0.18	ug/L	1	Jfhh	552	211076	09/23/15 14:45	552.2	213947-GC219	09/29/15-04:14SBL
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	54.6	26-141		%	0.9434		608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
Chlordane	ND	1.9	0.16	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
Toxaphene	ND	1.9	0.18	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1016	ND	0.47	0.10	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1221	ND	0.47	0.084	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1232	ND	0.47	0.19	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1242	ND	0.47	0.11	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1248	ND	0.47	0.064	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1254	ND	0.47	0.13	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
PCB 1260	ND	0.47	0.049	ug/L	0.9434	U	608	211086	09/23/15 14:40	608	214403-GC215	10/03/15-06:11SBL
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	108	70-161		%	1	f	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Fluorobenzene [‡]	101	72-139		%	1	f	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Pentafluorobenzene [‡]	101	59-151		%	1	f	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Acetone	ND	50	2.5	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Acrolein	ND	5	4.1	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Acrylonitrile	ND	2	1.2	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Benzene	ND	0.5	0.040	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Bromodichloromethane	ND	0.5	0.026	ug/L	1	Ufh	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Bromoform	ND	1	0.042	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Bromomethane	ND	0.5	0.24	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
2-Butanone (MEK)	ND	10	1.3	ug/L	1	Ufh	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Carbon Disulfide	ND	5	1.1	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Carbon Tetrachloride	ND	0.5	0.025	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chlorobenzene	ND	0.5	0.047	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
2-Chloroethylvinyl ether	ND	10	2.2	ug/L	1	Uf hb	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chloroform	ND	0.5	0.063	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Chloromethane	ND	0.5	0.17	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Dibromochloromethane	ND	0.5	0.030	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,2-Dichlorobenzene	ND	0.5	0.052	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,3-Dichlorobenzene	ND	0.5	0.051	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,4-Dichlorobenzene	ND	0.5	0.054	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1-Dichloroethane	ND	0.5	0.050	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,2-Dichloroethane	ND	0.5	0.036	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1-Dichloroethylene	ND	0.5	0.036	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
trans-1,2-Dichloroethylene	ND	1	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,2-Dichloropropane	ND	0.5	0.037	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
cis-1,3-Dichloropropene	ND	0.5	0.052	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
trans-1,3-Dichloropropene	ND	1	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Ethyl Benzene	ND	0.5	0.045	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
4-Methyl-2-pentanone (MIBK)	ND	5	1.3	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Methylene Chloride	ND	0.5	0.052	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.042	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Styrene	ND	0.5	0.061	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.095	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Tetrachloroethylene	ND	0.5	0.099	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Toluene	ND	0.5	0.045	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1,1-Trichloroethane	ND	0.5	0.082	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
1,1,2-Trichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Trichloroethylene	ND	0.5	0.11	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Trichlorofluoromethane	ND	1.5	0.072	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Vinyl Acetate	ND	100	4.2	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Vinyl Chloride	ND	0.5	0.15	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Xylenes m,p	ND	0.5	0.16	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Xylenes o	ND	0.5	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
Xylenes	ND	0.5	0.16	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-20:43VRG
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	45.7	15-91		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2-Fluorophenol [‡]	50.5	12-86		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Nitrobenzene-d5 [‡]	57.8	9-95		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Phenol-d6 [‡]	54.7	7-77		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
p-Terphenyl-d14 [‡]	38.9	37-100		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4,6-Tribromophenol [‡]	57.9	18-105		%	0.9434		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Acenaphthene	ND	0.94	0.50	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Acenaphthylene	ND	0.94	0.39	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzidine	ND	9.4	1.8	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(a)anthracene	ND	0.94	0.43	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(b)fluoranthene	ND	0.94	0.37	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(k)fluoranthene	ND	0.94	0.50	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(g,h,i)perylene	ND	0.94	0.40	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Benzo(a)pyrene	ND	0.94	0.40	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Bromophenylphenylether	ND	0.94	0.46	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Chloroethoxy)methane	ND	0.94	0.56	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Chloroethyl)ether	ND	0.94	0.52	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Chloroisopropyl)ether	ND	0.94	0.53	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
bis(2-Ethylhexyl)phthalate	0.453	1.9	0.41	ug/L	0.9434	J	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2-Chloronaphthalene	ND	0.94	0.63	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Chlorophenylphenylether	ND	0.94	0.62	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Chrysene	ND	0.94	0.51	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Dibenzo(a,h)anthracene	ND	0.94	0.37	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,2-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,3-Dichlorobenzene	ND	0.94	0.45	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,4-Dichlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
3,3'-Dichlorobenzidine	ND	0.94	0.43	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Diethylphthalate	ND	0.94	0.34	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Dimethylphthalate	ND	0.94	0.31	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4,6-Dinitro-2-methylphenol	ND	0.94	0.43	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4-Dinitrophenol	ND	4.7	0.22	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-03:33SBL
2,4-Dinitrotoluene	ND	0.94	0.49	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,6-Dinitrotoluene	ND	0.94	0.55	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Di-n-octylphthalate	ND	0.94	0.31	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Fluoranthene	ND	0.94	0.44	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Fluorene	ND	0.94	0.62	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Hexachlorobenzene	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Hexachlorobutadiene	ND	0.94	0.45	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Hexachlorocyclopentadiene	ND	0.94	0.24	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-03:33SBL
Hexachloroethane	ND	0.94	0.43	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Indeno(1,2,3-c,d)pyrene	ND	0.94	0.38	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Isophorone	ND	0.94	0.41	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Naphthalene	ND	0.94	0.55	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Nitrobenzene	ND	0.94	0.47	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
4-Nitrophenol	ND	1.9	1.1	ug/L	0.9434	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 ^{AGT:1}												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
N-Nitrosodiphenylamine	ND	0.94	0.74	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
N-Nitrosodi-n-propylamine	ND	0.94	0.53	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Pentachlorophenol	ND	1.9	0.91	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Phenanthrene	ND	0.94	0.50	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Phenol	ND	0.94	0.88	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Pyrene	ND	0.94	0.46	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
Pyridine	ND	9.4	0.32	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,2,4-Trichlorobenzene	ND	0.94	0.48	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4,6-Trichlorophenol	ND	0.94	0.90	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
1,2-Diphenylhydrazine	ND	0.94	0.47	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.9434	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:07VRG
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	4.8	0.91	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Alpha BHC	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Beta BHC	ND	4.8	1.5	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Delta BHC	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Dieldrin	ND	4.8	1.5	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endosulfan I	ND	4.8	2.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endosulfan II	ND	4.8	2.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endrin	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Endrin Ketone	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Heptachlor	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Methoxychlor	ND	4.8	0.46	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
cis_Nonachlor	ND	48	1.6	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
o,p - DDD	ND	4.8	0.54	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
o,p - DDE	ND	4.8	0.35	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
o,p - DDT	ND	4.8	0.95	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
trans-Nonachlor	ND	48	1.2	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
Tetrachloro-m-xylene [‡]	42.0	26-90		%	0.96154		625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-18:58SG
TOC ^{AVT:14}												
TOC	0.722	0.5	0.15	mg/L	1	b	5310C	211193	10/02/15 15:44	5310C	214409-TC203	10/02/15-21:11AMM
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.

October 9, 2015

Lab ID : SP 1510539-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW07S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-13:30

Sampled By : Peter

Received On : September 22, 2015-16:45

Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
Radio Chemistry ^{P:1}											
Gross Alpha	12.3 ± 3.55	1.97	pCi/L	15		900.0	211342	09/30/15 08:15	900.0	214488-GP219	10/01/15-07:00caa
Gross Beta	5.42 ± 2.06	1.79	pCi/L	50		900.0	211342	09/30/15 08:15	900.0	214488-GP219	10/01/15-07:00caa
Strontium 90	0.537 ± 0.651	0.682	pCi/L	8		905.0	211217	09/26/15 11:00	905.0	214603-GP218	10/05/15-09:20caa
Total Alpha Radium (226)	0.000 ± 0.083	0.418	pCi/L	3		903.0	211216	09/26/15 12:00	903.0	214589-GP216	10/05/15-09:20caa
Tritium	1930 ± 312	434	pCi/L	20000		906.0	211597	10/06/15 07:40	906.0	214748-LS201	10/06/15-14:00caa
Uranium	2.97 ± 1.33	0.300	pCi/L	20		908.0	211341	09/30/15 07:30	908.0	214606-GP220	10/01/15-14:14caa
Ra 228	0.000 ± 0.527	0.253	pCi/L	2		Ra - 05	211215	09/26/15 13:00	Ra - 05	214456-GP218	10/04/15-11:10caa

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.

October 9, 2015

Lab ID : SP 1510539-003

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-MW07S

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-13:30

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
Radio Chemistry ^{P:1}											
Gross Alpha	12.3 ± 3.55	1.97	pCi/L	15		900.0	211342	09/30/15 08:15	900.0	214488-GP219	10/01/15-07:00caa
Gross Beta	5.42 ± 2.06	1.79	pCi/L	50		900.0	211342	09/30/15 08:15	900.0	214488-GP219	10/01/15-07:00caa
Strontium 90	0.537 ± 0.651	0.682	pCi/L	8		905.0	211217	09/26/15 11:00	905.0	214603-GP218	10/05/15-09:20caa
Total Alpha Radium (226)	0.000 ± 0.083	0.418	pCi/L	3		903.0	211216	09/26/15 12:00	903.0	214589-GP216	10/05/15-09:20caa
Tritium	1930 ± 312	434	pCi/L	20000		906.0	211597	10/06/15 07:40	906.0	214748-LS201	10/06/15-14:00caa
Uranium	2.97 ± 1.33	0.300	pCi/L	20		908.0	211341	09/30/15 07:30	908.0	214606-GP220	10/01/15-14:14caa
Ra 228	0.000 ± 0.527	0.253	pCi/L	2		Ra - 05	211215	09/26/15 13:00	Ra - 05	214456-GP218	10/04/15-11:10caa

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.

October 9, 2015

Lab ID : SP 1510539-006

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-07D

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-11:25

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral P:15												
Total Hardness as CaCO3	1180	2.5	0.013	mg/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Calcium	227	1	0.013	mg/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Magnesium	150	1	0.0067	mg/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Potassium	3.68	1	0.082	mg/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Sodium	260	1	0.27	mg/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Total Cations	35.1	0.1	0.013	meq/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Boron	0.476	0.05	0.012	mg/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Copper	2.56	10	0.77	ug/L	1	J	200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Iron	30.3	50	1.4	ug/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Manganese	480	10	0.12	ug/L	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Zinc	ND	20	2.0	ug/L	1	U	200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
SAR	3.29	0.1	0.013	--	1		200.7	211103	09/24/15 07:00	200.7	213989-IT203	09/24/15-09:00AC
Total Alkalinity (as CaCO3)	531	10	1.1	mg/L	1	J	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:57AMB
Hydroxide as OH	ND	10	1.1	mg/L	1.000	U	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:57AMB
Carbonate as CO3	ND	10	1.1	mg/L	1.000	U	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:57AMB
Bicarbonate as HCO3	647	10	1.1	mg/L	1.000	J	2320B	211043	09/23/15 04:00	2320B	214018-MT201	09/23/15-11:57AMB
Sulfate	1010	10	0.037	mg/L	10		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:57KD
Chloride	348	10	0.042	mg/L	10		300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:57KD
Nitrate as NO3	ND	0.4	0.033	mg/L	1	U	300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:41KD
Nitrite as N	ND	0.1	0.0061	mg/L	1	U	300.0	211049	09/22/15 17:10	300.0	213893-IC208	09/23/15-01:41KD

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral ^{P:15}												
Nitrate + Nitrite as N	ND	0.1	0.033	mg/L	1	U	300.0	211049 09/22/15 17:10		300.0	213893-IC208 09/23/15-01:41KD	
Fluoride	0.227	0.1	0.027	mg/L	1	b	300.0	211049 09/22/15 17:10		300.0	213893-IC208 09/23/15-01:41KD	
Total Anions	41.5	0.1	1.1	meq/L	1.000	Jb	2320B	211043 09/23/15 04:00		2320B	214018-MT201 09/23/15-11:57AMB	
pH	7.04	--	0.0	units	1	T	4500-H B	211139 09/24/15 13:39		4500HB	213992-PH203 09/24/15-13:53JMG	
Specific Conductance	3020	1	0.16	umhos/cm	1		2510B	211057 09/23/15 09:59		2510B	213889-EC205 09/23/15-12:04JMG	
Total Dissolved Solids	2300	40	5.8	mg/L	1	b	2540CE	211080 09/23/15 12:32		2540C	213960-WT219 09/24/15-09:55CTL	
MBAS (foaming agents)	Negative	0.1		mg/L	1	U	5540C	211128 09/23/15 09:20		5540C	213981-JMG 09/23/15-09:35jmg	
Aggressiveness Index	12.5	1	0.0	--	1		4500-H B	211139 09/24/15 13:39		4500HB	213992-PH203 09/24/15-13:53JMG	
Langelier Index (20°C)	0.6	1	0.0	--	1	bJ	4500-H B	211139 09/24/15 13:39		4500HB	213992-PH203 09/24/15-13:53JMG	
Nitrate Nitrogen	ND	0.1	0.0082	mg/L	1	U	300.0	211049 09/22/15 17:10		300.0	213893-IC208 09/23/15-01:41KD	
Metals, Total ^{P:15}												
Aluminum	0.0204	0.01	0.00014	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Antimony	0.000329	0.001	0.000039	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Arsenic	0.00162	0.002	0.000054	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Barium	0.0678	0.0002	0.000032	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Beryllium	ND	0.0002	0.000043	mg/L	1	U	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Cadmium	0.000320	0.0002	0.000029	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Chromium	0.00161	0.001	0.000028	mg/L	1	hP	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Copper	0.00515	0.001	0.000019	mg/L	1	hP	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Lead	0.000181	0.0002	0.000012	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Mercury	0.00000881	0.00001	0.0000028	mg/L	1	J	245.1	211198 09/25/15 08:00		245.1	214176-HG204 09/25/15-15:53AC	
Nickel	0.00546	0.001	0.000021	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Selenium	0.00533	0.002	0.00015	mg/L	1		3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Silver	0.0000180	0.001	0.000012	mg/L	1	J	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Thallium	ND	0.0002	0.000014	mg/L	1	U	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Chromium III	0.00104	0.001	0.000028	mg/L	1	hP	3010	211045 09/23/15 04:00		200.8	213977-IX202 09/24/15-09:29AC	
Wet Chemistry ^{AGT:1}												
BOD	ND	2	0.19	mg/L	1	Ub	5210B	211027 09/22/15 19:04		5210B	214100-O2202 09/27/15-13:30AMM	
Chlorine, Total	ND	0.1	0.069	mg/L	1	UT	4500CIG	211088 09/23/15 14:10		4500CIG	213927-UV207 09/23/15-15:13AMM	
Chromium VI	0.568	0.1	0.012	ug/L	1		218.6	211313 09/25/15 13:45		218.6	214181-IC209 09/25/15-19:35MCA	

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{AGT:1}												
Color	<5.00	5	0.0	units	1	U	2120B	211492	09/24/15 08:50	2120B	214381-JMG	09/24/15-08:55jmg
Cyanide, Total	ND	0.01	0.0010	mg/L	1	Ub	4500CNCE	211218	09/27/15 12:30	4500CNCE	214071-UV205	09/27/15-17:35AMM
Nitrogen, Organic	0.190	0.5	0.072	mg/L	1	J	4500NH3G	211042	09/23/15 04:00	4500NH3G	213881-FI207	09/23/15-08:19AMB
Ammonia Nitrogen	0.230	0.2	0.072	mg/L	1		4500NH3G	211042	09/23/15 04:00	4500NH3G	213881-FI207	09/23/15-08:19AMB
Kjeldahl Nitrogen	0.420	0.5	0.32	mg/L	1	J	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:12AMB
Nitrogen, Total as Nitrogen	0.524	0.5	0.32	mg/L	1	J	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:12AMB
Nitrate + Nitrite as N	0.104	0.1	0.032	mg/L	1		4500NO3F	211058	09/23/15 10:08	4500NO3F	213921-FI207	09/23/15-13:11CJJ
Kjeldahl Nitrogen	0.420	0.5	0.32	mg/L	1	J	351.2	211047	09/23/15 08:18	EPA351.2	213875-FI206	09/25/15-06:12AMB
Odor	ND	1	0.0	TON	1	U	2150B	211130	09/23/15 09:00	2150B	213983-JMG	09/23/15-09:34jmg
Oil and Grease	ND	3.3	1.5	mg/L	1.087	Ub	1664	211357	10/01/15 14:00	1664	214332-WT215	10/01/15-18:34AMM
Phosphorus, Total	0.318	0.1	0.031	mg/L	1	b	4500-P B	211201	09/25/15 14:29	4500PE	214052-UV205	09/25/15-17:20CJJ
Solids, Total Suspended (TSS)	1.68	1.1	0.49	mg/L	1.0526		2540D	211255	09/28/15 16:10	2540D	214265-WT215	09/30/15-16:30JBA
Turbidity	0.224	0.2	0.048	NTU	1		2130B	211102	09/23/15 18:01	2130B	213949-TR203	09/23/15-18:04jba
Perchlorate	ND	2	0.29	ug/L	1	U	314.0	211245	09/28/15 11:10	314.0	214174-IC207	09/28/15-18:38SBL

DQF Flags Definition:

- b The Blank was positive for constituent but less than the PQL
- h 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

October 9, 2015

Lab ID : SP 1510539-006

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-07D

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-11:25

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	115	70-130		%	1		504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-05:30SBL	
DBCP	ND	0.01	0.0037	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-05:30SBL	
EDB	ND	0.02	0.0020	ug/L	1	U	504	211125 09/25/15 12:15		504.1	214045-GC216 09/26/15-05:30SBL	
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	86.7	70-130		%	1		505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Alachlor	ND	0.2	0.17	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Aldrin	ND	0.01	0.0053	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Chlordane	ND	0.1	0.034	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Dieldrin	ND	0.01	0.0028	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Endrin	ND	0.01	0.0043	ug/L	1	Ubh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Heptachlor	ND	0.01	0.0038	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Heptachlor Epoxide	ND	0.01	0.0030	ug/L	1	Uh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Hexachlorobenzene	ND	0.01	0.0048	ug/L	1	Ubh	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Hexachlorocyclopentadiene	ND	0.1	0.0047	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Lindane (Gamma BHC)	ND	0.05	0.0023	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Methoxychlor	ND	0.1	0.017	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
Toxaphene	ND	0.5	0.27	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
PCB 1016	ND	0.5	0.22	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
PCB 1221	ND	0.5	0.067	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
PCB 1232	ND	0.5	0.13	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 505 ^{VOA:1}												
PCB 1242	ND	0.5	0.058	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
PCB 1248	ND	0.5	0.064	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
PCB 1254	ND	0.5	0.095	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
PCB 1260	ND	0.5	0.055	ug/L	1	U	505	211199 09/25/15 15:45		505	214055-GC215 09/28/15-21:17SBL	
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	75.4	70-130		%	0.9434		507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Alachlor	ND	0.94	0.16	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Atrazine	ND	0.94	0.14	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Bromacil	ND	1.9	0.12	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Butachlor	ND	0.94	0.21	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Diazinon	ND	1.9	0.18	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Dimethoate	ND	1.9	0.089	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Metolachlor	ND	0.94	0.41	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Metribuzin	ND	0.47	0.24	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Molinate	ND	1.9	0.13	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Prometryne	ND	1.9	0.095	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Propachlor	ND	0.94	0.12	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Simazine	ND	0.94	0.16	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Thiobencarb	ND	0.94	0.15	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
Cyanazine	ND	0.94	0.11	ug/L	0.9434	U	507	211579 10/05/15 13:59		507	214573-GC218 10/07/15-05:35SG	
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	83.8	70-130		%	1		515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
Bentazon	ND	2	0.45	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
2,4-D	ND	2	0.90	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
Dalapon	ND	10	3.5	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
Dicamba	ND	1	0.29	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
Dinoseb	ND	1	0.49	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
Pentachlorophenol	ND	0.2	0.10	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
Picloram	ND	1	0.18	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	
2,4,5-TP (Silvex)	ND	1	0.32	ug/L	1	UI	515.3	211205 09/25/15 12:29		515.3	214198-GC215 09/29/15-22:12SG	

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 515 ^{AGT:1}												
2,4,5-T	ND	1	0.42	ug/L	1	UI	515.3	211205	09/25/15 12:29	515.3	214198-GC215	09/29/15-22:12SG
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	92.9	70-130		%	1		524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2-Dichlorobenzene-d4 [‡]	92.1	70-130		%	1		524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Benzene	ND	0.5	0.040	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Bromobenzene	ND	0.5	0.051	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Bromochloromethane	ND	0.5	0.067	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Bromodichloromethane	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Bromoform	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Bromomethane	ND	0.5	0.18	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
n-Butylbenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
sec-Butylbenzene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
tert-Butylbenzene	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Carbon Tetrachloride	ND	0.5	0.050	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Chlorobenzene	ND	0.5	0.030	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Chloroethane	ND	0.5	0.13	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Chloroform	ND	0.5	0.038	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Chloromethane	ND	0.5	0.20	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
2-Chlorotoluene	ND	0.5	0.047	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
4-Chlorotoluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Dibromochloromethane	ND	0.5	0.034	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Dibromomethane	ND	0.5	0.089	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2-Dichlorobenzene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,3-Dichlorobenzene	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,4-Dichlorobenzene	ND	0.5	0.029	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Dichlorodifluoromethane	ND	0.5	0.00082	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1-Dichloroethane	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2-Dichloroethane	ND	0.5	0.064	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1-Dichloroethylene	ND	0.5	0.084	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
cis-1,2-Dichloroethylene	ND	0.5	0.085	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
trans-1,2-Dichloroethylene	ND	0.5	0.080	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2-Dichloropropane	ND	0.5	0.052	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,3-Dichloropropane	ND	0.5	0.020	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Dichloromethane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
2,2-Dichloropropane	ND	0.5	0.063	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1-Dichloropropene	ND	0.5	0.036	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,3-Dichloropropene (Total)	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
cis-1,3-Dichloropropene	ND	0.5	0.058	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
trans-1,3-Dichloropropene	ND	0.5	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Di-isopropyl ether (DIPE)	ND	2	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Ethyl Benzene	ND	0.5	0.032	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Ethyl tert-Butyl Ether (ETBE)	ND	3	0.049	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Hexachlorobutadiene	ND	0.5	0.14	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Isopropylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
p-Isopropyltoluene	ND	0.5	0.016	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Naphthalene	ND	0.5	0.053	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
n-Propylbenzene	ND	0.5	0.027	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Styrene	ND	0.5	0.023	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Tert-amyl-methyl Ether (TAME)	ND	3	0.060	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1,1,2-Tetrachloroethane	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.031	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Tetrachloroethylene	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Toluene	ND	0.5	0.046	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2,3-Trichlorobenzene	ND	0.5	0.40	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2,4-Trichlorobenzene	ND	0.5	0.17	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1,1-Trichloroethane	ND	0.5	0.026	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1,2-Trichloroethane	ND	0.5	0.028	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 524.2 VOA:13												
Trichloroethylene	ND	0.5	0.050	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Trichlorofluoromethane	ND	0.5	0.076	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,1,2-Trichlorotrifluoroethane	ND	0.5	0.11	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,2,4-Trimethylbenzene	ND	0.5	0.013	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
1,3,5-Trimethylbenzene	ND	0.5	0.025	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Vinyl Chloride	ND	0.5	0.021	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Xylenes (Total)	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Xylenes m,p	ND	0.5	0.042	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Xylenes o	ND	0.5	0.037	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
Total Trihalomethanes	ND	0.5	0.048	ug/L	1	U	524.2	211711	09/28/15 08:00	524.2	214641-GM214	09/28/15-17:59VRG
EPA 531.1 AGT:18												
Aldicarb	ND	3	0.59	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
Aldicarb Sulfone	ND	2	0.37	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
Aldicarb Sulfoxide	ND	3	0.23	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
Carbaryl	ND	5	0.52	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
Carbofuran	ND	5	0.49	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
3-Hydroxycarbofuran	ND	10	0.80	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
Methomyl	ND	5	0.44	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
Oxamyl	ND	5	0.34	ug/L	1	U	531.1	211586	10/05/15 13:33	531.1	214499-LC204	10/05/15-20:41SG
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	211389	09/30/15 16:32	547	214266-LC204	09/30/15-19:28SG
EPA 548.1 AGT:1												
Endothall	ND	40	16	ug/L	1	U	548.1	211326	09/29/15 15:00	548.1	214645-GC220	10/07/15-23:13SG
EPA 549 AST:1												
Diquat	ND	2	0.12	ug/L	1	U	549	211324	09/29/15 14:37	549.2	214717-LC204	10/08/15-14:32SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	87.3	70-130		%	1	f	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
Bromoacetic Acid	0.183	1	0.18	ug/L	1	Jfh	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
Chloroacetic Acid	ND	2	0.23	ug/L	1	Ufbh	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
Dibromoacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
Dichloroacetic Acid	ND	1	0.19	ug/L	1	Ufh	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
Trichloroacetic Acid	ND	1	0.40	ug/L	1	Ufbh	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
Haloacetic acids (five)	0.183	1	0.18	ug/L	1	JfhUb	552	211076 09/23/15 14:45		552.2	213947-GC219 09/29/15-04:45SBL	
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	69.2	26-141		%	0.96154		608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
Chlordane	ND	1.9	0.16	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
Toxaphene	ND	1.9	0.18	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1016	ND	0.48	0.10	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1221	ND	0.48	0.084	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1232	ND	0.48	0.19	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1242	ND	0.48	0.11	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1248	ND	0.48	0.064	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1254	ND	0.48	0.13	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
PCB 1260	ND	0.48	0.049	ug/L	0.96154	U	608	211086 09/23/15 14:40		608	214403-GC215 10/03/15-06:48SBL	
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	105	70-161		%	1	f	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Fluorobenzene [‡]	102	72-139		%	1	f	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Pentafluorobenzene [‡]	99.5	59-151		%	1	f	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Acetone	ND	50	2.5	ug/L	1	Uf	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Acrolein	ND	5	4.1	ug/L	1	Uf	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Acrylonitrile	ND	2	1.2	ug/L	1	Uf	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Benzene	ND	0.5	0.040	ug/L	1	Uf	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Bromodichloromethane	ND	0.5	0.026	ug/L	1	Ufh	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Bromoform	ND	1	0.042	ug/L	1	Uf	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
Bromomethane	ND	0.5	0.24	ug/L	1	Uf	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	
2-Butanone (MEK)	ND	10	1.3	ug/L	1	Ufh	624	211632 09/25/15 05:00		624	214559-GM211 09/25/15-21:21VRG	

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Carbon Disulfide	ND	5	1.1	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Carbon Tetrachloride	ND	0.5	0.025	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Chlorobenzene	ND	0.5	0.047	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Chloroethane	ND	0.5	0.14	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
2-Chloroethylvinyl ether	ND	10	2.2	ug/L	1	Uf hb	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Chloroform	ND	0.5	0.063	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Chloromethane	ND	0.5	0.17	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Dibromochloromethane	ND	0.5	0.030	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,2-Dichlorobenzene	ND	0.5	0.052	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,3-Dichlorobenzene	ND	0.5	0.051	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,4-Dichlorobenzene	ND	0.5	0.054	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,1-Dichloroethane	ND	0.5	0.050	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,2-Dichloroethane	ND	0.5	0.036	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,1-Dichloroethylene	ND	0.5	0.036	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
trans-1,2-Dichloroethylene	ND	1	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,2-Dichloropropane	ND	0.5	0.037	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
cis-1,3-Dichloropropene	ND	0.5	0.052	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
trans-1,3-Dichloropropene	ND	1	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Ethyl Benzene	ND	0.5	0.045	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
2-Hexanone	ND	5	0.46	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
4-Methyl-2-pentanone (MIBK)	ND	5	1.3	ug/L	1	Uf h	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Methylene Chloride	ND	0.5	0.052	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Methyl tert-Butyl Ether (MTBE)	ND	1	0.042	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Styrene	ND	0.5	0.061	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,1,2,2-Tetrachloroethane	ND	0.5	0.095	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Tetrachloroethylene	ND	0.5	0.099	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Toluene	ND	0.5	0.045	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,1,1-Trichloroethane	ND	0.5	0.082	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
1,1,2-Trichloroethane	ND	0.5	0.035	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Trichloroethylene	ND	0.5	0.11	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 624 VOA:13												
Trichlorofluoromethane	ND	1.5	0.072	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Vinyl Acetate	ND	100	4.2	ug/L	1	Uf	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Vinyl Chloride	ND	0.5	0.15	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Xylenes m,p	ND	0.5	0.16	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Xylenes o	ND	0.5	0.061	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
Xylenes	ND	0.5	0.16	ug/L	1	Ufl	624	211632	09/25/15 05:00	624	214559-GM211	09/25/15-21:21VRG
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	52.6	15-91		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2-Fluorophenol [‡]	56.2	12-86		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Nitrobenzene-d5 [‡]	62.7	9-95		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Phenol-d6 [‡]	59.6	7-77		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
p-Terphenyl-d14 [‡]	65.7	37-100		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,4,6-Tribromophenol [‡]	61.2	18-105		%	0.96154		625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Acenaphthene	ND	0.96	0.50	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Acenaphthylene	ND	0.96	0.39	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Anthracene	ND	0.96	0.43	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Benzidine	ND	9.6	1.8	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Benzo(a)anthracene	ND	0.96	0.43	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Benzo(b)fluoranthene	ND	0.96	0.37	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Benzo(k)fluoranthene	ND	0.96	0.50	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Benzo(g,h,i)perylene	ND	0.96	0.40	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Benzo(a)pyrene	ND	0.96	0.40	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
4-Bromophenylphenylether	ND	0.96	0.46	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Butylbenzylphthalate	ND	1.9	0.29	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
bis(2-Chloroethoxy)methane	ND	0.96	0.56	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
bis(2-Chloroethyl)ether	ND	0.96	0.52	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
bis(2-Chloroisopropyl)ether	ND	0.96	0.53	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
bis(2-Ethylhexyl)phthalate	ND	1.9	0.41	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
4-Chloro-3-methylphenol	ND	1.9	0.86	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2-Chloronaphthalene	ND	0.96	0.63	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 AGT:1												
2-Chlorophenol	ND	1.9	1.0	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
4-Chlorophenylphenylether	ND	0.96	0.62	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Chrysene	ND	0.96	0.51	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Dibenzo(a,h)anthracene	ND	0.96	0.37	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Di-n-butylphthalate	ND	1.9	0.35	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
1,2-Dichlorobenzene	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
1,3-Dichlorobenzene	ND	0.96	0.45	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
1,4-Dichlorobenzene	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
3,3'-Dichlorobenzidine	ND	0.96	0.43	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,4-Dichlorophenol	ND	1.9	0.79	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Diethylphthalate	ND	0.96	0.34	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,4-Dimethylphenol	ND	1.9	0.76	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Dimethylphthalate	ND	0.96	0.31	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
4,6-Dinitro-2-methylphenol	ND	0.96	0.43	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,4-Dinitrophenol	ND	4.8	0.22	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-04:25SBL
2,4-Dinitrotoluene	ND	0.96	0.49	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,6-Dinitrotoluene	ND	0.96	0.55	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Di-n-octylphthalate	ND	0.96	0.31	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Fluoranthene	ND	0.96	0.44	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Fluorene	ND	0.96	0.62	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Hexachlorobenzene	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Hexachlorobutadiene	ND	0.96	0.45	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Hexachlorocyclopentadiene	ND	0.96	0.24	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214700-GM213	10/08/15-04:25SBL
Hexachloroethane	ND	0.96	0.43	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Indeno(1,2,3-c,d)pyrene	ND	0.96	0.38	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Isophorone	ND	0.96	0.41	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Naphthalene	ND	0.96	0.55	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Nitrobenzene	ND	0.96	0.47	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2-Nitrophenol	ND	1.9	1.1	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
4-Nitrophenol	ND	1.9	1.1	ug/L	0.96154	UH	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 ^{AGT:1}												
N-Nitrosodimethylamine	ND	1.9	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
N-Nitrosodiphenylamine	ND	0.96	0.74	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
N-Nitrosodi-n-propylamine	ND	0.96	0.53	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Pentachlorophenol	ND	1.9	0.91	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Phenanthrene	ND	0.96	0.50	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Phenol	ND	0.96	0.88	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Pyrene	ND	0.96	0.46	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
Pyridine	ND	9.6	0.32	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
1,2,4-Trichlorobenzene	ND	0.96	0.48	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,4,6-Trichlorophenol	ND	0.96	0.90	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
1,2-Diphenylhydrazine	ND	0.96	0.47	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
2,4,5-Trichlorophenol	ND	1.9	1.2	ug/L	0.96154	U	625	211138	09/29/15 14:51	625	214694-GM213	10/06/15-04:59VRG
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	4.8	0.91	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Alpha BHC	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Beta BHC	ND	4.8	1.5	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Delta BHC	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
alpha-Chlordane	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
gamma-Chlordane	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
p,p'-DDD	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
p,p'-DDE	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
p,p'-DDT	ND	4.8	4.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Dieldrin	ND	4.8	1.5	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Endosulfan I	ND	4.8	2.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Endosulfan II	ND	4.8	2.1	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Endosulfan Sulfate	ND	4.8	1.2	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Endrin	ND	4.8	1.3	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Endrin Aldehyde	ND	4.8	1.9	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Endrin Ketone	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG
Heptachlor	ND	4.8	1.8	ng/L	0.96154	U	625P	211325	09/29/15 14:53	625P	214372-GM210	10/01/15-19:42SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
Heptachlor Epoxide	ND	4.8	0.77	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
Lindane (Gamma BHC)	ND	4.8	3.7	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
Methoxychlor	ND	4.8	0.46	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
cis_Nonachlor	ND	48	1.6	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
o,p - DDD	ND	4.8	0.54	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
o,p - DDE	ND	4.8	0.35	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
o,p - DDT	ND	4.8	0.95	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
trans-Nonachlor	ND	48	1.2	ng/L	0.96154	U	625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
Tetrachloro-m-xylene [‡]	56.5	26-90		%	0.96154		625P	211325 09/29/15 14:53		625P	214372-GM210 10/01/15-19:42SG	
TOC ^{AVT:14}												
TOC	1.76	0.5	0.15	mg/L	1	b	5310C	211193 10/02/15 15:44		5310C	214409-TC203 10/02/15-21:29AMM	
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.

October 9, 2015

Lab ID : SP 1510539-006

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : MCWP-07D

Project : Malibu WWTP - Baseline GWM

Sampled On : September 22, 2015-11:25

Sampled By : Peter

Received On : September 22, 2015-15:40

Matrix : Monitoring Well

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis		
						Method	ID	Time	Method	ID	Time
Radio Chemistry ^{P:1}											
Gross Alpha	28.0 ± 4.07	1.70	pCi/L	15		900.0	211342	09/30/15 08:15	900.0	214488-GP219	10/01/15-08:00caa
Gross Beta	3.26 ± 2.82	2.48	pCi/L	50		900.0	211342	09/30/15 08:15	900.0	214488-GP219	10/01/15-08:00caa
Strontium 90	2.15 ± 0.890	0.682	pCi/L	8		905.0	211217	09/26/15 11:00	905.0	214603-GP218	10/05/15-09:40caa
Total Alpha Radium (226)	0.042 ± 0.117	0.418	pCi/L	3		903.0	211216	09/26/15 12:00	903.0	214589-GP216	10/05/15-09:40caa
Tritium	176 ± 271	434	pCi/L	20000		906.0	211597	10/06/15 07:40	906.0	214748-LS201	10/06/15-15:00caa
Uranium	21.9 ± 3.28	0.300	pCi/L	20		908.0	211341	09/30/15 07:30	908.0	214606-GP220	10/01/15-14:42caa
Ra 228	0.088 ± 0.516	0.253	pCi/L	2		Ra - 05	211215	09/26/15 13:00	Ra - 05	214456-GP218	10/04/15-11:30caa

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.

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,2-Dibromoethane(EDB)	504	09/25/15:211125SBL (STK1550298-001)	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2533	104 %	70-130	
			LCS	ug/L	0.2490	113 %	70-130	
			MS	ug/L	0.2457	120 %	70-130	
			MSD	ug/L	0.2519	111 %	70-130	
			MSRPD	ug/L	0.5913	4.9%	≤30	
			QMDL	ug/L	0.01985	68.2 %	60-140	
1,3-Dibromopropane	504	09/25/15:211125SBL (STK1550298-001)	Blank	ug/L	0.6180	86.8 %	70-130	
			LCS	ug/L	0.5946	91.8 %	70-130	
			LCS	ug/L	0.5844	107 %	70-130	
			MS	ug/L	0.5768	110 %	70-130	
			MSD	ug/L	0.5913	93.4 %	70-130	
			MSRPD	ug/L	0.5913	13.4%	≤30	
			QMDL	ug/L	0.5868	94.7 %	70-130	
DBCP	504	09/25/15:211125SBL (STK1550298-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2533	95.2 %	70-130	
			LCS	ug/L	0.2490	101 %	70-130	
			MS	ug/L	0.2457	108 %	70-130	
			MSD	ug/L	0.2519	97.1 %	70-130	
			MSRPD	ug/L	0.5913	8.1%	≤30	
			QMDL	ug/L	0.01985	85.9 %	60-140	
13DBP	504.1	09/26/15:214045SBL	CCV	ug/L	9.975	94.2 %	70-130	
			CCV	ug/L	7.481	109 %	70-130	
DBCP	504.1	09/26/15:214045SBL	CCV	ug/L	5.000	101 %	70-130	
			CCV	ug/L	2.000	105 %	70-130	
EDB	504.1	09/26/15:214045SBL	CCV	ug/L	5.000	107 %	70-130	
			CCV	ug/L	2.000	94.0 %	70-130	
Alachlor	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	6.192	104 %	82-127	
			MS	ug/L	5.979	114 %	90-119	
			MSD	ug/L	5.782	121 %	90-119	
			MSRPD	ug/L	1.158	2.5%	≤28.7	435
	505	09/28/15:214055SBL	CCV	ug/L	150.0	116 %	70-130	
Aldrin	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.075	
			LCS	ug/L	0.6192	104 %	83-131	
			MS	ug/L	0.5979	100 %	0-196	
			MSD	ug/L	0.5782	123 %	0-196	
			MSRPD	ug/L	1.158	16.8%	≤50.6	
	505	09/28/15:214055SBL	CCV	ug/L	15.00	131 %	70-130	360
	505	09/28/15:214055SBL	CCV	ug/L	10.00	111 %	70-130	
			CCV	ug/L	10.00	111 %	70-130	
Chlordane	505	09/25/15:211199SBL	Blank	ug/L		ND	<0.1	
Dieldrin	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6192	110 %	89-116	
			MS	ug/L	0.5979	112 %	89-115	
			MSD	ug/L	0.5782	129 %	89-115	435
			MSRPD	ug/L	1.158	11.1%	≤5.55	435
	505	09/28/15:214055SBL	CCV	ug/L	15.00	130 %	70-130	
Endrin	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6192	99.4 %	77-119	
			MS	ug/L	0.5979	107 %	74-114	
			MSD	ug/L	0.5782	117 %	74-114	435
			MSRPD	ug/L	1.158	5.6%	≤8.81	
	505	09/28/15:214055SBL	CCV	ug/L	15.00	127 %	70-130	

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endrin	505	09/28/15:214055SBL	CCV	ug/L	10.00	84.2 %	70-130	
Heptachlor	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6192	107 %	84-128	
			MS	ug/L	0.5979	108 %	87-124	
			MSD	ug/L	0.5782	129 %	87-124	435
Heptachlor Epoxide	505	09/28/15:214055SBL	MSRPD	ug/L	1.158	14.5%	≤11.9	435
			CCV	ug/L	15.00	136 %	70-130	360
			CCV	ug/L	10.00	115 %	70-130	
Hexachlorobenzene	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.6192	106 %	82-129	
			MS	ug/L	0.5979	112 %	90-119	
			MSD	ug/L	0.5782	124 %	90-119	435
Hexachlorocyclopentadiene	505	09/28/15:214055SBL	MSRPD	ug/L	1.158	6.8%	≤10.8	
			CCV	ug/L	15.00	126 %	70-130	
			CCV	ug/L	10.00	109 %	70-130	
Lindane	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.6192	67.3 %	56-175	
			MS	ug/L	0.5979	67.1 %	50-190	
			MSD	ug/L	0.5782	78.1 %	50-190	
Methoxychlor	505	09/28/15:214055SBL	MSRPD	ug/L	1.158	0.051	≤0.1	
			CCV	ug/L	15.00	96.9 %	70-130	
			CCV	ug/L	10.00	73.9 %	70-130	
PCB 1016/1242 - 1	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.6192	99.7 %	59-155	
			MS	ug/L	0.5979	104 %	45-167	
			MSD	ug/L	0.5782	115 %	45-167	435
PCB 1242	505	09/28/15:214055SBL	MSRPD	ug/L	1.158	7.5%	≤4.98	
			CCV	ug/L	15.00	119 %	70-130	
			CCV	ug/L	10.00	103 %	70-130	
PCB 1248 - 1	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L		ND	<0.1	
			LCS	ug/L	3.096	107 %	82-126	
			MS	ug/L	2.990	106 %	62-134	
			MSD	ug/L	2.891	125 %	62-134	
PCB 1254 - 1	505	09/28/15:214055SBL	MSRPD	ug/L	1.158	13.1%	≤7.94	435
			CCV	ug/L	75.00	130 %	70-130	
			CCV	ug/L	50.00	98.8 %	70-130	
PCB 1260 - 1	505	09/25/15:211199SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L		ND	<0.5	
			MS	ug/L		ND	<0.5	
			MSD	ug/L		ND	<0.5	
Tetrachloro-m-xylene	505	09/25/15:211199SBL (SP 1510577-001)	Blank	ug/L	1.216	92.9 %	70-130	
			LCS	ug/L	1.240	98.1 %	70-130	
			MS	ug/L	1.197	94.6 %	N/A	
			MSD	ug/L	1.158	104 %	N/A	

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Tetrachloro-m-xylene	505	09/25/15:211199SBL	MSRPD	ug/L	1.158	6.6%	≤30.0	
	505	09/28/15:214055SBL	CCV	ug/L	30.03	107 %	70-130	
			CCV	ug/L	20.02	97.9 %	70-130	
Toxaphene	505	09/25/15:211199SBL	Blank	ug/L		ND	<0.5	
Alachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	89.0 %	70-130	
			BS	ug/L	2.500	79.3 %	47-147	
			BSD	ug/L	2.500	83.1 %	47-147	
			BSRPD	ug/L	12.50	0.096	≤1	
	507	10/07/15:214573SG	CCV	ug/L	1000	106 %	80-120	
Atrazine	507	10/05/15:211579CCG	CCV	ug/L	500.0	106 %	80-120	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	88.2 %	70-130	
			BS	ug/L	2.500	76.4 %	52-154	
			BSD	ug/L	2.500	81.8 %	52-154	
			BSRPD	ug/L	12.50	0.14	≤0.5	
Bromacil	507	10/05/15:211579CCG	CCV	ug/L	1000	108 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
			Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	93.7 %	70-130	
			BS	ug/L	2.500	81.5 %	38-170	
			BSD	ug/L	2.500	68.7 %	38-170	
Butachlor	507	10/05/15:211579CCG	BSRPD	ug/L	12.50	0.32	≤2	
			CCV	ug/L	1000	116 %	80-120	
			CCV	ug/L	500.0	110 %	80-120	
			Blank	ug/L		ND	<0.38	
			LCS	ug/L	2.500	96.3 %	70-130	
			BS	ug/L	2.500	80.8 %	37-150	
Cyanazine	507	10/05/15:211579CCG	BSD	ug/L	2.500	77.6 %	37-150	
			BSRPD	ug/L	12.50	4.0%	≤53.8	
			CCV	ug/L	1000	114 %	80-120	
			CCV	ug/L	500.0	117 %	80-120	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	97.3 %	70-130	
Diazinon	507	10/05/15:211579CCG	BS	ug/L	2.500	80.1 %	41-152	
			BSD	ug/L	2.500	71.6 %	41-152	
			BSRPD	ug/L	12.50	0.21	≤0.5	
			CCV	ug/L	1000	119 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
			Blank	ug/L		ND	<2	
Dimethoate	507	10/05/15:211579CCG	LCS	ug/L	2.500	93.7 %	70-130	
			BS	ug/L	2.500	80.4 %	56-128	
			BSD	ug/L	2.500	94.3 %	56-128	
			BSRPD	ug/L	12.50	0.35	≤2	
			CCV	ug/L	1000	114 %	80-120	
			CCV	ug/L	500.0	117 %	80-120	
EPN/Triphenylphosphate	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	86.9 %	70-130	
			BS	ug/L	2.500	75.5 %	49-168	
			BSD	ug/L	2.500	71.1 %	49-168	
			BSRPD	ug/L	12.50	0.11	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	111 %	80-120	
			CCV	ug/L	500.0	112 %	80-120	
EPN/Triphenylphosphate	507	10/05/15:211579CCG	Blank	ug/L	12.50	77.7 %	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic EPN/Triphenylphosphate	507	10/05/15:211579CCG	LCS	ug/L	12.50	76.9 %	70-130	436 436
			BS	ug/L	12.50	65.8 %	70-130	
			BSD	ug/L	12.50	58.5 %	70-130	
			BSRPD	ug/L	12.50	11.7%	≤30	
Metolachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	90.8 %	70-130	
			BS	ug/L	2.500	72.0 %	45-154	
			BSD	ug/L	2.500	77.2 %	45-154	
			BSRPD	ug/L	12.50	0.13	≤1	
	507	10/07/15:214573SG	CCV	ug/L	1000	106 %	80-120	
Metribuzin	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	96.8 %	70-130	
			BS	ug/L	2.500	83.4 %	30-169	
			BSD	ug/L	2.500	81.5 %	30-169	
			BSRPD	ug/L	12.50	0.048	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	115 %	80-120	
Molinate	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	81.1 %	70-130	
			BS	ug/L	2.500	71.3 %	19-191	
			BSD	ug/L	2.500	87.9 %	19-191	
			BSRPD	ug/L	12.50	0.42	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	97.2 %	80-120	
Prometryne	507	10/05/15:211579CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	88.2 %	70-130	
			BS	ug/L	2.500	62.9 %	44-152	
			BSD	ug/L	2.500	74.2 %	44-152	
			BSRPD	ug/L	12.50	0.28	≤2	
	507	10/07/15:214573SG	CCV	ug/L	1000	112 %	80-120	
Propachlor	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	83.0 %	70-130	
			BS	ug/L	2.500	70.8 %	36-179	
			BSD	ug/L	2.500	87.2 %	36-179	
			BSRPD	ug/L	12.50	0.41	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	100 %	80-120	
Simazine	507	10/05/15:211579CCG	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	86.6 %	70-130	
			BS	ug/L	2.500	76.0 %	49-167	
			BSD	ug/L	2.500	77.5 %	49-167	
			BSRPD	ug/L	12.50	0.037	≤0.5	
	507	10/07/15:214573SG	CCV	ug/L	1000	109 %	80-120	
Thiobencarb	507	10/05/15:211579CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	92.6 %	70-130	
			BS	ug/L	2.500	79.9 %	50-148	
			BSD	ug/L	2.500	80.6 %	50-148	
			BSRPD	ug/L	12.50	0.017	≤1	
	507	10/07/15:214573SG	CCV	ug/L	1000	113 %	80-120	
Triphenylphosphate	507	10/07/15:214573SG	CCV	ug/L	500.0	112 %	80-120	
			CCV	ug/L	7501	111 %	80-120	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Triphenylphosphate	507	10/07/15:214573SG	CCV	ug/L	2500	115 %	80-120	
2,4,5-T	515.3	09/29/15:214198SG	CCV	ug/L	40.00	124 %	70-130	
			CCV	ug/L	80.00	120 %	70-130	
2,4,5-TP (Silvex)	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	105 %	70-130	
			MS	ug/L	4.000	44.6 %	70-130	435
			MSD	ug/L	4.000	35.2 %	70-130	435
			MSRPD	ug/L	20.00	0.38	≤1	
	515.3	09/29/15:214198SG	CCV	ug/L	40.00	107 %	70-130	
			CCV	ug/L	80.00	113 %	70-130	
2,4,5-Trichlorophenoxyacetic A	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	120 %	70-130	
			MS	ug/L	4.000	50.7 %	70-130	435
			MSD	ug/L	4.000	37.3 %	70-130	435
			MSRPD	ug/L	20.00	0.54	≤1	
2,4-D	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	117 %	70-130	
			MS	ug/L	8.000	46.1 %	70-130	435
			MSD	ug/L	8.000	38.0 %	70-130	435
			MSRPD	ug/L	20.00	0.65	≤2	
	515.3	09/29/15:214198SG	CCV	ug/L	80.00	117 %	70-130	
			CCV	ug/L	160.0	106 %	70-130	
2,4-DCAA	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L	20.00	77.9 %	70-130	
			LCS	ug/L	20.00	74.7 %	70-130	
			MS	ug/L	20.00	20.8 %	N/A	
			MSD	ug/L	20.00	15.0 %	N/A	
			MSRPD	ug/L	20.00	1.1	≤2	
	515.3	09/29/15:214198SG	CCV	ug/L	200.0	74.1 %	70-130	
			CCV	ug/L	400.0	84.2 %	70-130	
Bentazon	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	114 %	70-130	
			MS	ug/L	8.000	45.0 %	70-130	435
			MSD	ug/L	8.000	33.4 %	70-130	435
			MSRPD	ug/L	20.00	0.92	≤2	
	515.3	09/29/15:214198SG	CCV	ug/L	80.00	110 %	70-130	
			CCV	ug/L	160.0	119 %	70-130	
Dalapon	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	86.0 %	70-130	
			MS	ug/L	52.00	26.7 %	70-130	435
			MSD	ug/L	52.00	24.6 %	70-130	435
			MSRPD	ug/L	20.00	1.1	≤10	
	515.3	09/29/15:214198SG	CCV	ug/L	520.0	81.4 %	70-130	
			CCV	ug/L	1040	71.6 %	70-130	
Dicamba	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	112 %	70-130	
			MS	ug/L	4.000	48.0 %	70-130	435
			MSD	ug/L	4.000	38.3 %	70-130	435
			MSRPD	ug/L	20.00	0.39	≤1	
	515.3	09/29/15:214198SG	CCV	ug/L	40.00	113 %	70-130	
			CCV	ug/L	80.00	126 %	70-130	
Dinoseb	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<1	
			LCS	ug/L	8.000	96.2 %	70-130	
			MS	ug/L	8.000	38.5 %	70-130	435
			MSD	ug/L	8.000	28.3 %	70-130	435

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Organic Dinoseb	515.3	09/25/15:211205SG	MSRPD	ug/L	20.00	0.82	≤1	
	515.3	09/29/15:214198SG	CCV CCV	ug/L ug/L	80.00 160.0	99.7 % 113 %	70-130 70-130	
Pentachlorophenol	515.3	09/25/15:211205SG (SP 1510577-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	117 %	70-130	
			MS	ug/L	4.000	42.1 %	70-130	435
			MSD	ug/L	4.000	31.8 %	70-130	435
Picloram	515.3	09/25/15:211205SG (SP 1510577-001)	MSRPD	ug/L	20.00	27.7%	≤30.0	
			CCV	ug/L	40.00	118 %	70-130	
			CCV	ug/L	80.00	128 %	70-130	
			Blank	ug/L		ND	<1	
1,1,1,2-Tetrachloroethane	524.2	09/28/15:211711VRG (SP 1510577-001)	LCS	ug/L	4.000	83.4 %	70-130	
			MS	ug/L	4.000	34.8 %	70-130	435
			MSD	ug/L	4.000	27.5 %	70-130	435
			MSRPD	ug/L	20.00	0.30	≤1	
1,1,1-Trichloroethane(TCA)	524.2	09/29/15:214198SG	CCV	ug/L	40.00	79.2 %	70-130	
			CCV	ug/L	80.00	97.7 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.3 %	12-178	
1,1,2-Tetrachloroethane	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	79.6 %	12-178	
			MSRPD	ug/L	10.00	13.7%	≤39	
			CCV	ug/L	10.00	103 %	70-130	
			Blank	ug/L		ND	<0.5	
1,1,2-Trichloroethane	524.2	09/28/15:211711VRG (SP 1510577-001)	MS	ug/L	10.00	97.4 %	9-176	
			MSD	ug/L	10.00	82.7 %	9-176	
			MSRPD	ug/L	10.00	16.3%	≤33	
			CCV	ug/L	10.00	91.2 %	70-130	
1,1-Dichloroethane	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.8 %	23-180	
			MSD	ug/L	10.00	76.6 %	23-180	
			MSRPD	ug/L	10.00	14.7%	≤34	
1,1-Dichloroethylene	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	107 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.8 %	25-173	
			MSD	ug/L	10.00	76.1 %	25-173	
1,1-Dichloropropene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	14.3%	≤29	
			CCV	ug/L	10.00	105 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	85.2 %	0-171	
1,2,3-Trichlorobenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	72.5 %	0-171	
			MSRPD	ug/L	10.00	16.1%	≤31	
			CCV	ug/L	10.00	78.6 %	70-130	
			Blank	ug/L		ND	<0.5	
1,2,3-Trichlorobenzene	524.2	09/28/15:211711VRG	MS	ug/L	10.00	85.6 %	14-181	
			Blank	ug/L		ND	<0.5	

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Organic								
1,2,3-Trichlorobenzene	524.2	(SP 1510577-001)	MSD	ug/L	10.00	67.4 %	14-181	
			MSRPD	ug/L	10.00	23.8%	≤34	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	99.5 %	70-130	
1,2,4-Trichlorobenzene	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.5 %	10-180	
		(SP 1510577-001)	MSD	ug/L	10.00	65.8 %	10-180	
			MSRPD	ug/L	10.00	24.8%	≤32	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	98.4 %	70-130	
1,2,4-Trimethylbenzene	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	106 %	2-192	
		(SP 1510577-001)	MSD	ug/L	10.00	84.8 %	2-192	
			MSRPD	ug/L	10.00	22.5%	≤39	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	134 %	70-130	360
1,2-Dichlorobenzene	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.9 %	13-191	
		(SP 1510577-001)	MSD	ug/L	10.00	77.8 %	13-191	
			MSRPD	ug/L	10.00	19.8%	≤35	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	107 %	70-130	
1,2-Dichlorobenzene-d4	524.2	09/28/15:211711VRG	Blank	ug/L	10.00	90.7 %	70-130	
			MS	ug/L	10.00	104 %	70-130	
		(SP 1510577-001)	MSD	ug/L	10.00	98.8 %	70-130	
			MSRPD	ug/L	10.00	5.1%	≤20	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	104 %	70-130	
1,2-Dichloroethane (EDC)	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.2 %	18-162	
		(SP 1510577-001)	MSD	ug/L	10.00	73.8 %	18-162	
			MSRPD	ug/L	10.00	13.2%	≤33	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	97.7 %	70-130	
1,2-Dichloropropane	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.9 %	10-163	
		(SP 1510577-001)	MSD	ug/L	10.00	80.6 %	10-163	
			MSRPD	ug/L	10.00	14.2%	≤34	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	103 %	70-130	
1,3,5-Trimethylbenzene	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	109 %	0-210	
		(SP 1510577-001)	MSD	ug/L	10.00	87.2 %	0-210	
			MSRPD	ug/L	10.00	22.7%	≤40	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	138 %	70-130	360
1,3-Dichlorobenzene	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.8 %	17-182	
		(SP 1510577-001)	MSD	ug/L	10.00	80.0 %	17-182	
			MSRPD	ug/L	10.00	21.1%	≤39	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	108 %	70-130	
1,3-Dichloropropane	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.8 %	0-178	
		(SP 1510577-001)	MSD	ug/L	10.00	78.8 %	0-178	
			MSRPD	ug/L	10.00	14.2%	≤29	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	107 %	70-130	
1,4-Dichlorobenzene	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	107 %	19-183	
		(SP 1510577-001)	MSD	ug/L	10.00	87.0 %	19-183	
			MSRPD	ug/L	10.00	20.7%	≤37	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	118 %	70-130	
2,2-Dichloropropane	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	

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Organic 2,2-Dichloropropane	524.2	(SP 1510577-001)	MS	ug/L	10.00	108 %	0-288	
			MSD	ug/L	10.00	98.0 %	0-288	
			MSRPD	ug/L	10.00	9.4%	≤33	
2-Chlorotoluene	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	102 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	105 %	17-180	
4-Bromofluorobenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	86.8 %	17-180	
			MSRPD	ug/L	10.00	19.2%	≤38	
			CCV	ug/L	10.00	109 %	70-130	
4-Bromofluorobenzene (BFB)	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L	10.00	95.2 %	70-130	
			MS	ug/L	10.00	104 %	70-130	
			MSD	ug/L	10.00	101 %	70-130	
4-Chlorotoluene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	3.5%	≤30	
			CCV	ug/L	10.00	103 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
Benzene	524.2	09/28/15:211711VRG (SP 1510577-001)	MS	ug/L	10.00	101 %	11-177	
			MSD	ug/L	10.00	83.1 %	11-177	
			MSRPD	ug/L	10.00	19.6%	≤41	
Bromobenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	107 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	99.3 %	12-158	
Bromochloromethane	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	84.8 %	12-158	
			MSRPD	ug/L	10.00	15.8%	≤36	
			CCV	ug/L	10.00	101 %	70-130	
Bromodichloromethane	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	94.4 %	23-177	
			MSD	ug/L	10.00	79.3 %	23-177	
Bromoform	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	17.3%	≤40	
			CCV	ug/L	10.00	104 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
Bromomethane (Methyl Bromide)	524.2	09/28/15:211711VRG (SP 1510577-001)	MS	ug/L	10.00	86.9 %	4-186	
			MSD	ug/L	10.00	73.9 %	4-186	
			MSRPD	ug/L	10.00	16.1%	≤30	
Carbon Tetrachloride	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	100 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	84.6 %	11-164	
	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	72.9 %	11-164	
			MSRPD	ug/L	10.00	14.9%	≤34	
			CCV	ug/L	10.00	92.8 %	70-130	
	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	93.0 %	0-235	
			MSD	ug/L	10.00	77.4 %	0-235	
	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	18.3%	≤39	
			CCV	ug/L	10.00	110 %	70-130	
			Blank	ug/L	10.00	ND	<0.5	
	524.2	09/28/15:211711VRG (SP 1510577-001)	MS	ug/L	10.00	179 %	0-196	
			MSD	ug/L	10.00	135 %	0-196	
			MSRPD	ug/L	10.00	28.0%	≤40	
	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	170 %	70-130	360
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	81.1 %	5-175	
	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	70.1 %	5-175	
			MSRPD	ug/L	10.00	14.6%	≤32	
			CCV	ug/L	10.00	73.9 %	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Chlorobenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 104 % 87.3 % 17.1%	<0.5 14-175 14-175 ≤35	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	110 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 174 % 126 % 31.8%	<0.5 0-184 0-184 ≤40	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	157 %	70-130	360
Chloroform	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 96.7 % 82.8 % 15.4%	<0.5 15-163 15-163 ≤36	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	103 %	70-130	
Chloromethane(Methyl Chloride)	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 207 % 147 % 33.8%	<0.5 0-224 0-224 ≤39	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	194 %	70-130	360
cis-1,2-Dichloroethylene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 92.4 % 79.4 % 15.2%	<0.5 16-172 16-172 ≤34	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	96.8 %	70-130	
cis-1,3-Dichloropropene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 77.3 % 64.5 % 18.0%	<0.5 5-158 5-158 ≤38	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	86.1 %	70-130	
Dibromochloromethane	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 88.6 % 75.5 % 16.0%	<0.5 1-180 1-180 ≤34	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	101 %	70-130	
Dibromomethane	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 83.6 % 72.5 % 14.2%	<0.5 11-168 11-168 ≤28	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	101 %	70-130	
Dichlorodifluoromethane	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 223 % 139 % 46.2%	<0.5 0-334 0-334 ≤39	435
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	179 %	70-130	360
Dichloromethane	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 81.3 % 70.5 % 14.2%	<0.5 20-157 20-157 ≤36	
	524.2	09/28/15:211711VRG	CCV	ug/L	10.00	110 %	70-130	
Ethyl tert-Butyl Ether	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 97.8 % 86.4 % 1.1	<3 11-165 11-165 ≤3	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	110 %	70-130	

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Organic Ethylbenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	122 %	9-174	
			MSD	ug/L	10.00	101 %	9-174	
			MSRPD	ug/L	10.00	18.2%	≤37	
Freon-11	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	122 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	185 %	0-232	
			MSD	ug/L	10.00	131 %	0-232	
Hexachlorobutadiene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	33.8%	≤35	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.4 %	14-200	
			MSD	ug/L	10.00	69.0 %	14-200	
Isopropyl Ether	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	23.6%	≤40	
			CCV	ug/L	10.00	86.3 %	70-130	
			Blank	ug/L		ND	<3	
			MS	ug/L	10.00	94.4 %	8-165	
Isopropylbenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	82.6 %	8-165	
			MSRPD	ug/L	10.00	1.2	≤3	
			CCV	ug/L	10.00	102 %	70-130	
			Blank	ug/L		ND	<0.5	
Methyl tert-Butyl Ether	524.2	09/28/15:211711VRG (SP 1510577-001)	MS	ug/L	10.00	128 %	4-159	
			MSD	ug/L	10.00	105 %	4-159	
			MSRPD	ug/L	10.00	19.1%	≤37	
			CCV	ug/L	10.00	125 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	09/28/15:211711VRG	CCV	ug/L	10.00	109 %	70-130	
Methylene Chloride	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	93.4 %	11-168	
			MSD	ug/L	10.00	81.1 %	11-168	
			MSRPD	ug/L	10.00	14.1%	≤29	
Naphthalene	524.2	09/28/15:211711VRG	CCV	ug/L	10.00	89.0 %	70-130	
n-Butylbenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	153 %	0-189	
			MSD	ug/L	10.00	115 %	0-189	
			MSRPD	ug/L	10.00	28.0%	≤32	
n-Propylbenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	CCV	ug/L	10.00	179 %	70-130	360
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	128 %	4-186	
			MSD	ug/L	10.00	100 %	4-186	
p-Isopropyltoluene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSRPD	ug/L	10.00	24.1%	≤37	
			CCV	ug/L	10.00	126 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	124 %	0-174	
sec-Butylbenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	MSD	ug/L	10.00	100 %	0-174	
			MSRPD	ug/L	10.00	20.9%	≤37	
			CCV	ug/L	10.00	120 %	70-130	
			Blank	ug/L		ND	<0.5	
	524.2	09/28/15:211711VRG (SP 1510577-001)	MS	ug/L	10.00	110 %	0-193	
			MSD	ug/L	10.00	89.6 %	0-193	
			MSRPD	ug/L	10.00	20.4%	≤40	
			CCV	ug/L	10.00	112 %	70-130	
	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	131 %	0-177	
			MSD	ug/L	10.00	106 %	0-177	
			MSRPD	ug/L	10.00	21.4%	≤40	

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Organic								
sec-Butylbenzene	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	125 %	70-130	
Styrene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.2 %	0-198	
			MSD	ug/L	10.00	56.0 %	0-198	
			MSRPD	ug/L	10.00	22.4%	≤37	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	113 %	70-130	
TAME	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	109 %	15-162	
			MSD	ug/L	10.00	96.0 %	15-162	
			MSRPD	ug/L	10.00	1.3	≤3	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	125 %	70-130	
tert-Butylbenzene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	99.9 %	9-179	
			MSD	ug/L	10.00	81.9 %	9-179	
			MSRPD	ug/L	10.00	19.8%	≤38	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	101 %	30-130	
Tetrachloroethylene (PCE)	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.5 %	14-186	
			MSD	ug/L	10.00	79.5 %	14-186	
			MSRPD	ug/L	10.00	20.3%	≤33	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	92.1 %	70-130	
Toluene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	110 %	3-174	
			MSD	ug/L	10.00	96.5 %	3-174	
			MSRPD	ug/L	10.00	6.9%	≤37	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	106 %	30-130	
trans-1,2-Dichloroethylene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	85.7 %	5-165	
			MSD	ug/L	10.00	71.7 %	5-165	
			MSRPD	ug/L	10.00	17.7%	≤40	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	84.3 %	70-130	
trans-1,3-Dichloropropene	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.6 %	0-169	
			MSD	ug/L	10.00	62.7 %	0-169	
			MSRPD	ug/L	10.00	18.5%	≤31	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	89.5 %	70-130	
Trichloroethylene (TCE)	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.3 %	11-167	
			MSD	ug/L	10.00	82.1 %	11-167	
			MSRPD	ug/L	10.00	15.9%	≤35	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	94.3 %	70-130	
Trichlorofluoromethane F-11	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	149 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.7 %	0-183	
			MSD	ug/L	10.00	77.7 %	0-183	
			MSRPD	ug/L	10.00	18.7%	≤33	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	80.3 %	70-130	
Vinyl Chloride	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	204 %	0-208	
			MSD	ug/L	10.00	143 %	0-208	
			MSRPD	ug/L	10.00	34.9%	≤40	
	524.2	09/28/15:214641VRG	CCV	ug/L	10.00	174 %	30-130	360
Xylenes m,p	524.2	09/28/15:211711VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	102 %	0-193	

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Organic Xylenes m,p	524.2	(SP 1510577-001)	MSD MSRPD	ug/L ug/L	20.00 10.00	85.6 % 17.1%	0-193 ≤37	
	524.2	09/28/15:214641VRG	CCV	ug/L	20.00	107 %	70-130	
Xylenes o	524.2	09/28/15:211711VRG (SP 1510577-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.8 %	0-188	
			MSD	ug/L	10.00	74.0 %	0-188	
			MSRPD	ug/L	10.00	20.5%	≤36	
3-Hydroxycarbofuran	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	102 %	65-135	
			MSD	ug/L	20.00	99.6 %	65-135	
			MSRPD	ug/L	20.00	2.2%	≤16.8	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	95.9 % 106 %	80-120 80-120	
Aldicarb	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	94.1 %	80-120	
			MS	ug/L	20.00	96.5 %	65-135	
			MSD	ug/L	20.00	104 %	65-135	
			MSRPD	ug/L	20.00	7.5%	≤11.2	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	80.1 % 89.1 %	80-120 80-120	
Aldicarb Sulfone	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	90.0 % 116 %	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	10/05/15:211586SG (STK1550788-001) (STK1550788-001)	Blank	ug/L		ND	<3	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	108 %	80-120	
			LCS	ug/L	20.00	108 %	80-120	
			MS	ug/L	20.00	111 %	65-135	
			MS	ug/L	20.00	112 %	65-135	
			MSD	ug/L	20.00	116 %	65-135	
			MSD	ug/L	20.00	115 %	65-135	
			MSRPD	ug/L	20.00	3.8%	≤7.28	
			MSRPD	ug/L	20.00	3.3%	≤13.8	
Aldicarb Sulfoxide	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	94.4 % 106 %	80-120 80-120	
Carbaryl	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	105 % 117 %	80-120 80-120	
Carbaryl/Naphthol	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	109 %	80-120	
			MS	ug/L	20.00	115 %	65-135	
			MSD	ug/L	20.00	119 %	65-135	
			MSRPD	ug/L	20.00	0.79	≤5	
Carbofuran	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	104 %	80-120	
			MS	ug/L	20.00	105 %	65-135	
			MSD	ug/L	20.00	107 %	65-135	
			MSRPD	ug/L	20.00	0.49	≤5	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	82.0 % 86.1 %	80-120 80-120	
Methomyl	531.1	10/05/15:211586SG (STK1550788-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	115 %	80-120	
			MS	ug/L	20.00	116 %	65-135	
			MSD	ug/L	20.00	108 %	65-135	

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Organic Methomyl	531.1	10/05/15:211586SG	MSRPD	ug/L	20.00	7.1%	≤53.1	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	102 % 106 %	80-120 80-120	
Oxamyl	531.1	10/05/15:211586SG (STK1550788-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 99.4 % 99.9 % 101 % 0.25	<5 80-120 65-135 65-135 ≤5	
	531.1	10/05/15:214499SG	CCV CCV	ug/L ug/L	20.00 10.00	107 % 109 %	80-120 80-120	
TOC	5310C	10/02/15:211193AMM	Blank BS BSD BSRPD	mg/L mg/L mg/L mg/L	15.00 15.00 15.00 15.00	ND 104 % 103 % 0.8%	<0.5 75-125 75-125 ≤23.0	
	5310C	10/02/15:214409AMM	CCV CCV	ppm ppm	15.00 15.00	103 % 103 %	67-122 67-122	
Glyphosate	547	09/30/15:211389SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	200.0 200.0 200.0 200.0 200.0	ND 110 % 111 % 109 % 1.4%	<20 71-129 56-139 56-139 ≤15	
	547	09/30/15:214266SG	CCV CCV	ug/L ug/L	200.0 100.0	102 % 108 %	80-120 80-120	
Endothall	548.1	09/29/15:211326SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	83.33 83.33 83.33 83.33 83.33	ND 61.9 % 26.9 % 25.6 % 1.0	<40 30-96 15-87 15-87 ≤40	
	548.1	10/07/15:214645SG	CCV CCV	ug/L ug/L	2500 1000	104 % 109 %	70-130 70-130	
Diquat Dibromide	549	09/29/15:211324SG (SP 1510788-005)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 87.6 % 47.3 % 60.6 % 24.7%	<2 34-114 0-86 0-86 ≤13	435
	549.2	10/08/15:214717SG	CCV CCV	ug/L ug/L	1000 500.0	91.2 % 93.0 %	80-120 80-120	
2,3-Dibromopropionic Acid	552	09/23/15:211076SBL (SP 1510322-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000 5.000	116 % 100 % 98.8 % 114 % 14.6%	70-130 70-130 70-130 70-130 ≤20.0	
Dibromoacetic Acid	552	09/23/15:211076SBL (SP 1510322-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 129 % 111 % 133 % 15.8%	<1 70-130 70-130 70-130 ≤20.0	435
Dichloroacetic Acid	552	09/23/15:211076SBL (SP 1510322-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 128 % 124 % 145 % 15.7%	<1 70-130 70-130 70-130 ≤20.0	435
Monobromoacetic Acid	552	09/23/15:211076SBL	Blank LCS	ug/L ug/L	10.00	ND 128 %	<1 70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Monobromoacetic Acid	552	(SP 1510322-001)	MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 5.000	115 % 139 % 17.9%	70-130 70-130 ≤20.0	435
Monochloroacetic Acid	552	09/23/15:211076SBL (SP 1510322-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 129 % 118 % 146 % 20.7%	<2 70-130 70-130 70-130 ≤20.0	435 435
Trichloroacetic Acid	552	09/23/15:211076SBL (SP 1510322-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00 5.000	ND 130 % 123 % 141 % 13.7%	<1 70-130 70-130 70-130 ≤20.0	435
2,3-Dibromopropionic Acid	552.2	09/29/15:213947SBL	CCV CCV	ug/L ug/L	75.00 50.00	72.3 % 82.9 %	70-130 70-130	
Dibromoacetic Acid	552.2	09/29/15:213947SBL	CCV CCV	ug/L ug/L	150.0 100.0	110 % 119 %	70-130 70-130	
Dichloroacetic Acid	552.2	09/29/15:213947SBL	CCV CCV	ug/L ug/L	150.0 100.0	110 % 116 %	70-130 70-130	
Monobromoacetic Acid	552.2	09/29/15:213947SBL	CCV CCV	ug/L ug/L	150.0 100.0	106 % 115 %	70-130 70-130	
Monochloroacetic Acid	552.2	09/29/15:213947SBL	CCV CCV	ug/L ug/L	150.0 100.0	102 % 109 %	70-130 70-130	
Trichloroacetic Acid	552.2	09/29/15:213947SBL	CCV CCV	ug/L ug/L	150.0 100.0	110 % 113 %	70-130 70-130	
Chlordane	608	09/23/15:211086CCG	Blank	ug/L		ND	<2	
PCB 1016 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	608	09/23/15:211086CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.5005 0.5005 0.5005 0.5005 0.5000	85.7 % 73.4 % 71.6 % 75.7 % 5.5%	26-141 26-141 26-141 26-141 ≤29	
	608	10/03/15:214403SBL	CCV CCV	ug/L ug/L	100.1 50.05	85.2 % 96.9 %	85-115 85-115	
Toxaphene	608	09/23/15:211086CCG	Blank	ug/L		ND	<0.5	
1,1,1-Trichloroethane(TCA)	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 142 % 168 % 16.8%	<0.5 66-191 66-191 ≤21	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	94.8 %	75-125	
1,1,2,2-Tetrachloroethane	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 107 % 134 % 22.7%	<0.5 30-180 30-180 ≤19	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	131 %	60-140	
1,1,2-Trichloroethane	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD	ug/L ug/L ug/L	10.00 10.00 10.00	ND 112 % 124 %	<0.5 50-146 50-146	

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Organic								
1,1,2-Trichloroethane	624	09/25/15:211632VRG	MSRPD	ug/L	10.00	9.7%	≤25	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	98.6 %	71-129	
1,1-Dichloroethane	624	09/25/15:211632VRG (STK1550563-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	63-159	
			MSD	ug/L	10.00	120 %	63-159	
			MSRPD	ug/L	10.00	8.2%	≤22	
1,1-Dichloroethylene	624	09/25/15:214559VRG (STK1550563-001)	CCV	ug/L	10.00	85.3 %	72-128	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	0-279	
			MSD	ug/L	10.00	133 %	0-279	
1,2-Dichlorobenzene	624	09/25/15:211632VRG (STK1550563-001)	MSRPD	ug/L	10.00	15.5%	≤36	
			CCV	ug/L	10.00	81.6 %	51-150	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.3 %	57-153	
1,2-Dichloroethane (EDC)	624	09/25/15:211632VRG (STK1550563-001)	MSD	ug/L	10.00	150 %	57-153	
			MSRPD	ug/L	10.00	64.9%	≤26	435
			CCV	ug/L	10.00	133 %	63-137	
			Blank	ug/L		ND	<0.5	
1,2-Dichloropropane	624	09/25/15:211632VRG (STK1550563-001)	MS	ug/L	10.00	116 %	56-158	
			MSD	ug/L	10.00	144 %	56-158	
			MSRPD	ug/L	10.00	21.2%	≤24	
			CCV	ug/L	10.00	89.0 %	68-132	
1,3-Dichlorobenzene	624	09/25/15:211632VRG (STK1550563-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.5 %	53-159	
			MSD	ug/L	10.00	123 %	53-159	
			MSRPD	ug/L	10.00	38.5%	≤28	435
1,4-Dichlorobenzene	624	09/25/15:214559VRG (STK1550563-001)	CCV	ug/L	10.00	118 %	73-127	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.6 %	53-161	
			MSD	ug/L	10.00	129 %	53-161	
2-Butanone (MEK)	624	09/25/15:211632VRG (STK1550563-001)	MSRPD	ug/L	10.00	36.0%	≤27	435
			CCV	ug/L	10.00	123 %	63-137	
			Blank	ug/L		ND	<40	
			MS	ug/L	40.00	240 %	0-211	435
2-Chloroethylvinyl ether	624	09/25/15:211632VRG (STK1550563-001)	MSD	ug/L	400.0	19.3 %	0-211	
			MSRPD	ug/L	10.00	19	≤40	
			CCV	ug/L	40.00	216 %	20-230	
			Blank	ug/L		5.0	10	
2-Hexanone	624	09/25/15:211632VRG (STK1550563-001)	MS	ug/L	40.00	209 %	0-11	435
			MSD	ug/L	40.00	262 %	0-11	435
			MSRPD	ug/L	10.00	22.7%	≤3	435
			CCV	ug/L	40.00	199 %	0-224	
4-Bromofluorobenzene	624	09/25/15:211632VRG	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	218 %	0-190	435
			MSD	ug/L	40.00	261 %	0-190	435
			MSRPD	ug/L	10.00	17	≤30	
4-Bromofluorobenzene	624	09/25/15:211632VRG	CCV	ug/L	40.00	197 %	20-283	
			Blank	ug/L		119 %	70-161	
			MS	ug/L	10.00	105 %	58-151	

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Organic								
4-Bromofluorobenzene	624	(STK1550563-001)	MSD	ug/L	10.00	94.1 %	58-151	
			MSRPD	ug/L	10.00	10.8%	≤14	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	103 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	09/25/15:211632VRG	Blank	ug/L		ND	<30	
		(STK1550563-001)	MS	ug/L	40.00	221 %	0-194	435
			MSD	ug/L	400.0	1.9 %	0-194	
			MSRPD	ug/L	10.00	81	≤30	435
	624	09/25/15:214559VRG	CCV	ug/L	40.00	191 %	20-233	
Acetone	624	09/25/15:211632VRG	Blank	ug/L		ND	<25	
		(STK1550563-001)	MS	ug/L	40.00	181 %	0-270	
			MSD	ug/L	40.00	229 %	0-270	
			MSRPD	ug/L	10.00	19	≤25	
	624	09/25/15:214559VRG	CCV	ug/L	40.00	154 %	20-367	
Acrolein	624	09/25/15:211632VRG	Blank	ug/L		ND	<5	
		(STK1550563-001)	MS	ug/L	200.0	5.9 %	0-171	
			MSD	ug/L	200.0	5.9 %	0-171	
			MSRPD	ug/L	10.00	0.029	≤5	
	624	09/25/15:214559VRG	CCV	ug/L	200.0	72.4 %	20-209	
Acrylonitrile	624	09/25/15:211632VRG	Blank	ug/L		ND	<2	
		(STK1550563-001)	MS	ug/L	200.0	200 %	0-244	
			MSD	ug/L	2000	15.0 %	0-244	
			MSRPD	ug/L	10.00	28.6%	≤47	
	624	09/25/15:214559VRG	CCV	ug/L	200.0	215 %	20-278	
Benzene	624	09/25/15:211632VRG	Blank	ug/L		ND	<0.5	
		(STK1550563-001)	MS	ug/L	10.00	114 %	65-155	
			MSD	ug/L	10.00	128 %	65-155	
			MSRPD	ug/L	10.00	11.8%	≤21	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	96.5 %	64-136	
Bromodichloromethane	624	09/25/15:211632VRG	Blank	ug/L		ND	<0.5	
		(STK1550563-001)	MS	ug/L	10.00	206 %	62-150	435
			MSD	ug/L	10.00	284 %	62-150	435
			MSRPD	ug/L	10.00	21.7%	≤22	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	90.5 %	65-135	
Bromoform	624	09/25/15:211632VRG	Blank	ug/L		ND	<0.5	
		(STK1550563-001)	MS	ug/L	10.00	117 %	64-150	
			MSD	ug/L	10.00	130 %	64-150	
			MSRPD	ug/L	10.00	10.9%	≤16	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	117 %	71-129	
Bromomethane (Methyl Bromide)	624	09/25/15:211632VRG	Blank	ug/L		ND	<1.0	
		(STK1550563-001)	MS	ug/L	10.00	160 %	48-196	
			MSD	ug/L	10.00	184 %	48-196	
			MSRPD	ug/L	10.00	13.7%	≤24	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	95.1 %	14-186	
Carbon Disulfide	624	09/25/15:211632VRG	Blank	ug/L		ND	<5	
		(STK1550563-001)	MS	ug/L	40.00	31.5 %	0-230	
			MSD	ug/L	40.00	34.6 %	0-230	
			MSRPD	ug/L	10.00	1.2	≤5	
	624	09/25/15:214559VRG	CCV	ug/L	40.00	28.0 %	20-242	
Carbon Tetrachloride	624	09/25/15:211632VRG	Blank	ug/L		ND	<0.5	
		(STK1550563-001)	MS	ug/L	10.00	135 %	69-206	
			MSD	ug/L	10.00	161 %	69-206	
			MSRPD	ug/L	10.00	17.6%	≤19	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	88.1 %	73-127	
Chlorobenzene	624	09/25/15:211632VRG	Blank	ug/L		ND	<0.5	

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Organic Chlorobenzene	624	(STK1550563-001)	MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	131 % 146 % 10.8%	69-152 69-152 ≤24	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	109 %	66-134	
Chloroethane (Ethyl Chloride)	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 149 % 155 % 3.9%	<0.5 53-214 53-214 ≤32	
	624	09/25/15:214559VRG	CCV	ug/L	10.00	80.9 %	38-162	
Chloroform	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	100.0 100.0 100.0 10.00	ND 0.7 % 0.6 % 0.07%	<0.5 55-155 55-155 ≤22	435 435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	90.6 %	67-133	
Chloromethane(Methyl Chloride)	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 99.2 % 201 % 67.7%	<0.5 33-202 33-202 ≤25	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	122 %	0-204	
cis-1,3-Dichloropropene	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 138 % 171 % 21.5%	<0.5 59-142 59-142 ≤23	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	119 %	24-176	
Dibromochloromethane	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 152 % 173 % 11.5%	<0.5 53-151 53-151 ≤25	435 435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	103 %	67-133	
Dichloromethane	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 100.0 10.00	ND 125 % 15.0 % 18.4%	<2 24-207 24-207 ≤33	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	102 %	60-139	
Ethylbenzene	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 100.0 10.00	ND 159 % 9.8 % 43.4%	<0.5 45-194 45-194 ≤31	435 435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	123 %	59-141	
Fluorobenzene	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 100.0 10.00	102 % 100 % 94.0 % 161%	72-139 90-121 90-121 ≤3	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	101 %	70-130	
Freon-11	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 135 % 193 % 35.1%	<2.0 57-259 57-259 ≤27	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	84.5 %	48-152	
Methyl tert-Butyl Ether (MTBE)	624	09/25/15:211632VRG (STK1550563-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 100.0 10.00	ND 109 % 10.2 % 0.75	<5 26-210 26-210 ≤5	435
	624	09/25/15:214559VRG	CCV	ug/L	10.00	90.4 %	63-178	

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Organic Pentafluorobenzene	624	09/25/15:211632VRG (STK1550563-001)	Blank	ug/L	10.00	107 %	59-151	435
			MS	ug/L	10.00	105 %	74-148	
			MSD	ug/L	100.0	95.8 %	74-148	
			MSRPD	ug/L	10.00	160%	≤10	
Styrene	624	09/25/15:211632VRG (STK1550563-001)	CCV	ug/L	10.00	116 %	70-130	435
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	154 %	6-195	
			MSD	ug/L	100.0	11.4 %	6-195	
Tetrachloroethylene (PCE)	624	09/25/15:211632VRG (STK1550563-001)	MSRPD	ug/L	10.00	30.4%	≤25	435
			CCV	ug/L	10.00	130 %	67-158	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	143 %	63-171	
Toluene	624	09/25/15:211632VRG (STK1550563-001)	MSD	ug/L	10.00	167 %	63-171	435
			MSRPD	ug/L	10.00	15.8%	≤26	
			CCV	ug/L	10.00	111 %	73-127	
			Blank	ug/L	10.00	ND	<0.5	
trans-1,2-Dichloroethylene	624	09/25/15:211632VRG (STK1550563-001)	MS	ug/L	10.00	142 %	65-160	435
			MSD	ug/L	100.0	7.1 %	65-160	
			MSRPD	ug/L	10.00	67.2%	≤25	
			CCV	ug/L	10.00	114 %	74-126	
trans-1,3-Dichloropropene	624	09/25/15:211632VRG (STK1550563-001)	MSD	ug/L	10.00	39.2%	≤51	435
			MSRPD	ug/L	10.00	96.6 %	69-131	
			CCV	ug/L	10.00	108 %	50-150	
			Blank	ug/L	10.00	ND	<0.5	
Trichloroethylene (TCE)	624	09/25/15:211632VRG (STK1550563-001)	MS	ug/L	10.00	122 %	54-178	435
			MSD	ug/L	10.00	143 %	54-178	
			MSRPD	ug/L	10.00	16.0%	≤22	
			CCV	ug/L	10.00	101 %	66-134	
Vinyl Acetate	624	09/25/15:211632VRG (STK1550563-001)	Blank	ug/L	40.00	ND	<10	435
			MS	ug/L	400.0	204 %	0-331	
			MSD	ug/L	10.00	24.9 %	0-331	
			MSRPD	ug/L	10.00	19.6%	≤44	
Vinyl Chloride	624	09/25/15:211632VRG (STK1550563-001)	CCV	ug/L	40.00	232 %	20-393	435
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	124 %	32-217	
			MSD	ug/L	100.0	8.5 %	32-217	
Xylenes m,p	624	09/25/15:211632VRG (STK1550563-001)	MSRPD	ug/L	10.00	36.7%	≤26	435
			CCV	ug/L	10.00	92.8 %	4-196	
			Blank	ug/L	20.00	ND	<1.0	
			MS	ug/L	200.0	158 %	50-181	
Xylenes o	624	09/25/15:211632VRG (STK1550563-001)	MSD	ug/L	10.00	9.8 %	50-181	435
			MSRPD	ug/L	10.00	43.5%	≤30	
			CCV	ug/L	20.00	123 %	45-170	
			Blank	ug/L	10.00	ND	<0.5	
	624	09/25/15:211632VRG (STK1550563-001)	MS	ug/L	10.00	157 %	38-182	435
			MSD	ug/L	100.0	10.6 %	38-182	
			MSRPD	ug/L	10.00	38.5%	≤29	
			CCV	ug/L	10.00	100.0	38.5%	

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Organic								
Xylenes o	624	09/25/15:214559VRG	CCV	ug/L	10.00	125 %	63-163	
1,2,4-Trichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	72.0 %	21-90	
			BS	ug/L	20.00	54.8 %	21-90	
			BSD	ug/L	20.00	59.7 %	21-90	
			BSRPD	ug/L	20.00	8.6%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
1,2-Dichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	69.4 %	22-90	
			BS	ug/L	20.00	50.8 %	22-90	
			BSD	ug/L	20.00	55.8 %	22-90	
			BSRPD	ug/L	20.00	9.3%	≤51	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
1,2-Diphenylhydrazine	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.1 %	41-103	
			BS	ug/L	20.00	85.1 %	41-103	
			BSD	ug/L	20.00	74.3 %	41-103	
			BSRPD	ug/L	20.00	13.7%	≤26	
1,3-Dichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	65.2 %	22-86	
			BS	ug/L	20.00	44.5 %	22-86	
			BSD	ug/L	20.00	52.4 %	22-86	
			BSRPD	ug/L	20.00	16.2%	≤56	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
1,4-Dichlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.4 %	23-83	
			BS	ug/L	20.00	46.4 %	23-83	
			BSD	ug/L	20.00	51.0 %	23-83	
			BSRPD	ug/L	20.00	9.4%	≤57	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
2,4,5-Trichlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	104 %	28-107	
			BS	ug/L	20.00	101 %	28-107	
			BSD	ug/L	20.00	93.7 %	28-107	
			BSRPD	ug/L	20.00	7.1%	≤25	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	70-130	
2,4,6-Tribromophenol	625	09/29/15:211138CCG	Blank	ug/L	20.00	56.1 %	18-105	
			LCS	ug/L	20.00	73.8 %	18-105	
			BS	ug/L	20.00	70.4 %	18-105	
			BSD	ug/L	20.00	64.6 %	18-105	
			BSRPD	ug/L	20.00	8.5%	≤21	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	362
2,4,6-Trichlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.7 %	29-109	
			BS	ug/L	20.00	91.8 %	29-109	
			BSD	ug/L	20.00	81.9 %	29-109	
			BSRPD	ug/L	20.00	11.3%	≤31	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	113 %	80-120	
2,4-Dichlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	113 %	26-105	310
			BS	ug/L	20.00	108 %	26-105	436
			BSD	ug/L	20.00	96.3 %	26-105	
			BSRPD	ug/L	20.00	11.7%	≤31	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	133 %	80-120	360

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Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 2,4-Dimethylphenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	72.4 %	28-77	
			BS	ug/L	20.00	70.9 %	28-77	
			BSD	ug/L	20.00	61.0 %	28-77	
			BSRPD	ug/L	20.00	14.9%	≤39	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	360
2,4-Dinitrophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	62.4 %	27-74	
			BS	ug/L	20.00	58.6 %	27-74	
			BSD	ug/L	20.00	50.8 %	27-74	
			BSRPD	ug/L	20.00	1.5	≤5	
	625	10/08/15:214700SBL	CCV	mg/L	20.00	85.4 %	80-120	
2,4-Dinitrotoluene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.0 %	39-101	
			BS	ug/L	20.00	98.6 %	39-101	
			BSD	ug/L	20.00	89.4 %	39-101	
			BSRPD	ug/L	20.00	9.8%	≤23	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
2,6-Dinitrotoluene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.9 %	12-159	
			BS	ug/L	20.00	96.7 %	12-159	
			BSD	ug/L	20.00	87.3 %	12-159	
			BSRPD	ug/L	20.00	10.2%	≤20	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
2-Chlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	84.9 %	27-101	
			BS	ug/L	20.00	82.1 %	27-101	
			BSD	ug/L	20.00	70.5 %	27-101	
			BSRPD	ug/L	20.00	15.1%	≤43	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
2-Fluorobiphenyl	625	09/29/15:211138CCG	Blank	ug/L	10.00	52.7 %	15-91	
			LCS	ug/L	10.00	68.1 %	15-91	
			BS	ug/L	10.00	62.1 %	15-91	
			BSD	ug/L	10.00	54.6 %	15-91	
			BSRPD	ug/L	20.00	12.9%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	10.00	115 %	80-120	
2-Fluorophenol	625	09/29/15:211138CCG	Blank	ug/L	20.00	54.6 %	12-86	
			LCS	ug/L	20.00	63.7 %	12-86	
			BS	ug/L	20.00	61.5 %	12-86	
			BSD	ug/L	20.00	49.7 %	12-86	
			BSRPD	ug/L	20.00	21.3%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	121 %	80-120	362
2-Nitrophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	92.1 %	28-104	
			BS	ug/L	20.00	88.9 %	28-104	
			BSD	ug/L	20.00	79.9 %	28-104	
			BSRPD	ug/L	20.00	10.6%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
3,3-Dichlorobenzidine	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	102 %	0-106	
			BS	ug/L	20.00	109 %	0-106	
			BSD	ug/L	20.00	96.6 %	0-106	
			BSRPD	ug/L	20.00	12.5%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	128 %	80-120	360

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Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
4,6-Dinitro-2-methylphenol	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	ND 81.7 % 91.0 % 83.2 % 8.9%	<1 31-89 31-89 31-89 ≤36	436
4,6-Dinitro-o-cresol	625	10/06/15:214694VRG	CCV	mg/L	20.00	92.1 %	80-120	
4-Bromophenylphenylether	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 88.6 % 86.4 % 78.6 % 9.4%	<1 37-94 37-94 37-94 ≤23	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	107 %	80-120	
4-Nitrophenol	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 122 % 123 % 121 % 1.4%	<2 5-113 5-113 5-113 ≤45	310 436 436
	625	10/06/15:214694VRG	CCV	mg/L	20.00	123 %	80-120	360
Acenaphthene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 84.3 % 80.0 % 72.1 % 10.4%	<1 31-95 31-95 31-95 ≤38	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Acenaphthylene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 84.3 % 80.3 % 72.2 % 10.6%	<1 27-92 27-92 27-92 ≤37	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Anthracene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 91.3 % 90.6 % 82.5 % 9.4%	<1 32-98 32-98 32-98 ≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Azobenzene	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Benzidine	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 0.0 % 27.4 % 27.4 % 0.0032	<2 0-25 0-25 0-25 ≤2	436 436
	625	10/06/15:214694VRG	CCV	mg/L	20.00	151 %	70-130	360
Benzo(a)anthracene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 95.0 % 94.5 % 86.1 % 9.4%	<1 39-107 39-107 39-107 ≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	111 %	80-120	
Benzo(a)pyrene	625	09/29/15:211138CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 106 % 106 % 98.4 % 7.1%	<1 44-86 44-86 44-86 ≤22	310 436 436

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Benzo(a)pyrene	625	10/06/15:214694VRG	CCV	mg/L	20.00	124 %	80-120	360
Benzo(b)fluoranthene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	105 %	33-108	
			BS	ug/L	20.00	104 %	33-108	
			BSD	ug/L	20.00	98.9 %	33-108	
			BSRPD	ug/L	20.00	5.3%	≤24	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	124 %	80-120	360
Benzo(g,h,i)perylene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	0-160	
			BS	ug/L	20.00	101 %	0-160	
			BSD	ug/L	20.00	0.0 %	0-160	
			BSRPD	ug/L	20.00	200%	≤24	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	137 %	80-120	360
Benzo(k)fluoranthene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	96.9 %	34-107	
			BS	ug/L	20.00	102 %	34-107	
			BSD	ug/L	20.00	93.8 %	34-107	
			BSRPD	ug/L	20.00	7.9%	≤34	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	80-120	
bis(2-Chloroethoxy)methane	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.2 %	30-103	
			BS	ug/L	20.00	90.1 %	30-103	
			BSD	ug/L	20.00	80.3 %	30-103	
			BSRPD	ug/L	20.00	11.5%	≤36	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
bis(2-Chloroethyl)ether	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.8 %	0-279	
			BS	ug/L	20.00	80.4 %	0-279	
			BSD	ug/L	20.00	68.4 %	0-279	
			BSRPD	ug/L	20.00	16.1%	≤66	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
bis(2-Chloroisopropyl)ether	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	87.1 %	27-118	
			BS	ug/L	20.00	82.0 %	27-118	
			BSD	ug/L	20.00	71.4 %	27-118	
			BSRPD	ug/L	20.00	13.7%	≤40	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	115 %	80-120	
bis(2-Ethylhexyl)phthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	101 %	46-118	
			BS	ug/L	20.00	102 %	46-118	
			BSD	ug/L	20.00	95.2 %	46-118	
			BSRPD	ug/L	20.00	6.8%	≤7	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	114 %	80-120	
Butylbenzylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	81.9 %	28-89	
			BS	ug/L	20.00	93.1 %	28-89	436
			BSD	ug/L	20.00	85.6 %	28-89	
			BSRPD	ug/L	20.00	8.4%	≤1	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	118 %	80-120	
Chloronaphthalene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	81.8 %	29-100	
			BS	ug/L	20.00	74.7 %	29-100	
			BSD	ug/L	20.00	68.6 %	29-100	
			BSRPD	ug/L	20.00	8.5%	≤41	

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Rincon Consultants, Inc.

Lab ID : SP 1510539
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chloronaphthalene	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Chlorophenylphenylether	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.8 %	35-96	
			BS	ug/L	20.00	84.1 %	35-96	
			BSD	ug/L	20.00	76.5 %	35-96	
			BSRPD	ug/L	20.00	9.5%	≤29	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Chrysene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	89.8 %	37-99	
			BS	ug/L	20.00	90.5 %	37-99	
			BSD	ug/L	20.00	82.8 %	37-99	
			BSRPD	ug/L	20.00	8.8%	≤16	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Dibenzo(a,h)anthracene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	114 %	36-105	310
			BS	ug/L	20.00	108 %	36-105	436
			BSD	ug/L	20.00	100 %	36-105	
			BSRPD	ug/L	20.00	7.7%	≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	148 %	80-120	360
Diethylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	59.4 %	31-82	
			BS	ug/L	20.00	66.2 %	31-82	
			BSD	ug/L	20.00	60.5 %	31-82	
			BSRPD	ug/L	20.00	9.1%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Dimethylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	49.1 %	22-67	
			BS	ug/L	20.00	52.5 %	22-67	
			BSD	ug/L	20.00	51.1 %	22-67	
			BSRPD	ug/L	20.00	2.9%	≤5	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	105 %	80-120	
Di-n-butylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	80.0 %	44-89	
			BS	ug/L	20.00	85.2 %	44-89	
			BSD	ug/L	20.00	78.4 %	44-89	
			BSRPD	ug/L	20.00	8.4%	≤1	410
	625	10/06/15:214694VRG	CCV	mg/L	20.00	108 %	80-120	
Di-n-octylphthalate	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	124 %	50-118	310
			BS	ug/L	20.00	131 %	50-118	436
			BSD	ug/L	20.00	124 %	50-118	436
			BSRPD	ug/L	20.00	5.8%	≤20	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	137 %	80-120	360
Fluoranthene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.2 %	46-98	
			BS	ug/L	20.00	93.8 %	46-98	
			BSD	ug/L	20.00	86.0 %	46-98	
			BSRPD	ug/L	20.00	8.6%	≤19	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	109 %	80-120	
Fluorene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	88.3 %	34-101	
			BS	ug/L	20.00	84.9 %	34-101	
			BSD	ug/L	20.00	76.6 %	34-101	
			BSRPD	ug/L	20.00	10.2%	≤31	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Fluorene	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Hexachlorobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	85.8 %	32-91	
			BS	ug/L	20.00	82.7 %	32-91	
			BSD	ug/L	20.00	74.6 %	32-91	
			BSRPD	ug/L	20.00	10.3%	≤26	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	109 %	80-120	
Hexachlorobutadiene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	65.8 %	18-84	
			BS	ug/L	20.00	47.3 %	18-84	
			BSD	ug/L	20.00	56.1 %	18-84	
			BSRPD	ug/L	20.00	17.0%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	101 %	80-120	
Hexachlorocyclopentadiene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	24.7 %	2-60	
			BS	ug/L	20.00	20.8 %	2-60	
			BSD	ug/L	20.00	17.9 %	2-60	
			BSRPD	ug/L	20.00	0.57	≤1	
	625	10/08/15:214700SBL	CCV	mg/L	20.00	94.2 %	80-120	
Hexachloroethane	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.2 %	20-84	
			BS	ug/L	20.00	40.1 %	20-84	
			BSD	ug/L	20.00	52.3 %	20-84	
			BSRPD	ug/L	20.00	26.4%	≤53	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	107 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	310
			LCS	ug/L	20.00	130 %	32-103	436
			BS	ug/L	20.00	125 %	32-103	436
			BSD	ug/L	20.00	115 %	32-103	436
			BSRPD	ug/L	20.00	7.9%	≤25	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	170 %	80-120	360
Isophorone	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.7 %	29-91	310
			BS	ug/L	20.00	91.6 %	29-91	436
			BSD	ug/L	20.00	82.9 %	29-91	
			BSRPD	ug/L	20.00	10.0%	≤32	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	114 %	80-120	
Naphthalene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	78.7 %	29-98	
			BS	ug/L	20.00	66.3 %	29-98	
			BSD	ug/L	20.00	64.4 %	29-98	
			BSRPD	ug/L	20.00	2.9%	≤47	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Nitrobenzene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	310
			LCS	ug/L	20.00	83.5 %	43-83	
			BS	ug/L	20.00	77.3 %	43-83	
			BSD	ug/L	20.00	68.4 %	43-83	
			BSRPD	ug/L	20.00	12.2%	≤49	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
Nitrobenzene-d5	625	09/29/15:211138CCG	Blank	ug/L	10.00	60.0 %	9-95	
			LCS	ug/L	10.00	70.3 %	9-95	
			BS	ug/L	10.00	64.4 %	9-95	
			BSD	ug/L	10.00	55.8 %	9-95	
			BSRPD	ug/L	20.00	14.3%	≤47	

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 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Nitrobenzene-d5	625	10/06/15:214694VRG	CCV	mg/L	10.00	120 %	80-120	
N-Nitrosodimethylamine	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	410
			LCS	ug/L	20.00	78.3 %	12-110	
			BS	ug/L	20.00	75.4 %	12-110	
			BSD	ug/L	20.00	61.2 %	12-110	
			BSRPD	ug/L	20.00	20.8%	≤3	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	113 %	80-120	
N-Nitrosodi-N-propylamine	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	97.3 %	29-106	
			BS	ug/L	20.00	98.4 %	29-106	
			BSD	ug/L	20.00	86.5 %	29-106	
			BSRPD	ug/L	20.00	12.9%	≤32	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	116 %	80-120	
N-Nitrosodiphenylamine	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	101 %	39-109	
			BS	ug/L	20.00	103 %	39-109	
			BSD	ug/L	20.00	98.9 %	39-109	
			BSRPD	ug/L	20.00	3.7%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	103 %	80-120	
p-Chloro-m-cresol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	99.6 %	32-105	
			BS	ug/L	20.00	95.6 %	32-105	
			BSD	ug/L	20.00	85.1 %	32-105	
			BSRPD	ug/L	20.00	11.6%	≤27	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	122 %	80-120	360
Pentachlorophenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	74.5 %	19-109	
			BS	ug/L	20.00	71.0 %	19-109	
			BSD	ug/L	20.00	63.8 %	19-109	
			BSRPD	ug/L	20.00	10.7%	≤28	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	99.5 %	80-120	
Phenanthrene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	86.9 %	41-101	
			BS	ug/L	20.00	85.8 %	41-101	
			BSD	ug/L	20.00	78.3 %	41-101	
			BSRPD	ug/L	20.00	9.1%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	104 %	80-120	
Phenol	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	84.1 %	23-104	
			BS	ug/L	20.00	84.3 %	23-104	
			BSD	ug/L	20.00	69.1 %	23-104	
			BSRPD	ug/L	20.00	19.8%	≤47	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	106 %	80-120	
Phenol-d6	625	09/29/15:211138CCG	Blank	ug/L	20.00	59.5 %	7-77	
			LCS	ug/L	20.00	66.0 %	7-77	
			BS	ug/L	20.00	63.0 %	7-77	
			BSD	ug/L	20.00	51.9 %	7-77	
			BSRPD	ug/L	20.00	19.4%	≤50	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	118 %	80-120	
p-Terphenyl-d14	625	09/29/15:211138CCG	Blank	ug/L	10.00	74.6 %	37-100	
			LCS	ug/L	10.00	86.3 %	37-100	
			BS	ug/L	10.00	86.5 %	37-100	
			BSD	ug/L	10.00	79.2 %	37-100	
			BSRPD	ug/L	20.00	8.9%	≤18	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
p-Terphenyl-d14	625	10/06/15:214694VRG	CCV	mg/L	10.00	127 %	80-120	362
Pyrene	625	09/29/15:211138CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	95.6 %	44-106	
			BS	ug/L	20.00	97.1 %	44-106	
			BSD	ug/L	20.00	89.5 %	44-106	
			BSRPD	ug/L	20.00	8.2%	≤18	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	112 %	80-120	
Pyridine	625	09/29/15:211138CCG	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	22.6 %	0-52	
			BS	ug/L	20.00	17.7 %	0-52	
			BSD	ug/L	20.00	6.8 %	0-52	
			BSRPD	ug/L	20.00	2.2	≤10	
	625	10/06/15:214694VRG	CCV	mg/L	20.00	125 %	80-120	360
2,4'-DDD	625P	10/01/15:214372SG	CCV	ug/L	100.0	95.0 %	70-130	
2,4'-DDE	625P	10/01/15:214372SG	CCV	ug/L	100.0	109 %	70-130	
2,4'-DDT	625P	10/01/15:214372SG	CCV	ug/L	100.0	115 %	70-130	
Aldrin	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.8 %	0-131	
			BS	ug/L	0.1000	83.5 %	4-108	
			BSD	ug/L	0.1000	82.7 %	4-108	
			BSRPD	ug/L	0.1000	1.0%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	103 %	70-130	
Alpha BHC	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	68.9 %	9-125	
			BS	ug/L	0.1000	66.0 %	17-100	
			BSD	ug/L	0.1000	64.4 %	17-100	
			BSRPD	ug/L	0.1000	2.5%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	80.2 %	70-130	
alpha-Chlordane	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	78.3 %	14-126	
			BS	ug/L	0.1000	75.0 %	0-135	
			BSD	ug/L	0.1000	64.9 %	0-135	
			BSRPD	ug/L	0.1000	14.5%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	94.6 %	70-130	
Beta BHC	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	77.7 %	13-125	
			BS	ug/L	0.1000	79.3 %	16-123	
			BSD	ug/L	0.1000	75.7 %	16-123	
			BSRPD	ug/L	0.1000	4.6%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	80.5 %	70-130	
cis_Nonachlor	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	77.4 %	10-138	
			BS	ug/L	0.1000	83.5 %	0-120	
			BSD	ug/L	0.1000	73.0 %	0-120	
			BSRPD	ug/L	0.1000	13.4%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	115 %	70-130	
Delta BHC	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	76.4 %	0-122	
			BS	ug/L	0.1000	78.9 %	0-112	
			BSD	ug/L	0.1000	72.8 %	0-112	
			BSRPD	ug/L	0.1000	8.0%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	90.0 %	70-130	
Dieldrin	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	80.2 %	19-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Dieldrin	625P	09/29/15:211325CCG	BS BSD BSRPD	ug/L ug/L ug/L	0.1000 0.1000 0.1000	85.4 % 80.5 % 5.9%	0-121 0-121 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	95.4 %	70-130	
Endosulfan I	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 73.4 % 88.6 % 68.0 % 26.3%	<0.005 18-129 0-154 0-154 ≤25	410
	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.5 %	70-130	
Endosulfan II	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 77.7 % 82.0 % 73.0 % 11.5%	<0.005 22-128 0-149 0-149 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	98.4 %	70-130	
Endosulfan Sulfate	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 93.3 % 80.4 % 81.1 % 0.8%	<0.005 32-106 4-140 4-140 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	75.3 %	70-130	
Endrin	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 95.3 % 78.7 % 88.4 % 11.6%	<0.005 0-130 7-101 7-101 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	114 %	70-130	
Endrin Aldehyde	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 117 % 115 % 119 % 3.4%	<0.005 16-135 0-148 0-148 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	120 %	70-130	
Endrin Ketone	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 88.3 % 86.1 % 81.1 % 6.0%	<0.005 25-121 21-111 21-111 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.8 %	70-130	
gamma-Chlordane	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 74.3 % 95.4 % 79.8 % 17.8%	<0.005 20-123 1-116 1-116 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	93.4 %	70-130	
Heptachlor	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 75.9 % 82.8 % 80.4 % 2.9%	<0.005 19-119 13-100 13-100 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	102 %	70-130	
Heptachlor Epoxide	625P	09/29/15:211325CCG	Blank LCS	ug/L ug/L	0.1000 0.1000	ND 68.8 %	<0.005 18-131	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Heptachlor Epoxide	625P	09/29/15:211325CCG	BS BSD BSRPD	ug/L ug/L ug/L	0.1000 0.1000 0.1000	86.3 % 76.4 % 12.1 %	0-127 0-127 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	86.2 %	70-130	
Lindane	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 80.9 % 106 % 117 % 9.4%	<0.005 22-181 0-234 0-234 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	87.5 %	70-130	
Methoxychlor	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 105 % 92.7 % 92.0 % 0.7%	<0.005 26-113 2-107 2-107 ≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	94.2 %	70-130	
o,p - DDD	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 86.3 % 92.8 % 77.6 % 17.9%	<0.005 15-136 12-118 12-118 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 81.8 % 89.1 % 80.4 % 10.3%	<0.005 23-124 0-108 0-108 ≤25	
o,p - DDE	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 77.8 % 88.5 % 83.7 % 5.6%	<0.005 27-131 0-124 0-124 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 87.3 % 99.7 % 87.3 % 13.3%	<0.005 23-126 2-107 2-107 ≤25	
p,p - DDD	625P	10/01/15:214372SG	CCV	ug/L	100.0	94.4 %	70-130	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	102 %	70-130	
p,p - DDE	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.0 %	70-130	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	83.0 %	70-130	
p,p - DDT	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 89.0 % 101 % 82.9 % 19.8%	<0.005 0-177 17-107 17-107 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 87.3 % 99.7 % 87.3 % 13.3%	<0.005 23-126 2-107 2-107 ≤25	
p,p - DDE	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	ND 100 % 91.9 % 86.8 % 5.7%	<0.005 32-108 0-128 0-128 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	56.6 % 60.4 % 62.7 % 60.3 % 3.9%	26-90 26-90 26-90 26-90 ≤25	
Tetrachloro-m-xylene	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	56.6 % 60.4 % 62.7 % 60.3 % 3.9%	26-90 26-90 26-90 26-90 ≤25	
	625P	09/29/15:211325CCG	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	0.1000 0.1000 0.1000 0.1000 0.1000	56.6 % 60.4 % 62.7 % 60.3 % 3.9%	26-90 26-90 26-90 26-90 ≤25	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Tetrachloro-m-xylene	625P	10/01/15:214372SG	CCV	ug/L	100.0	111 %	70-130	
trans-Nonachlor	625P	09/29/15:211325CCG	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	70.8 %	9-139	
			BS	ug/L	0.1000	89.1 %	0-120	
			BSD	ug/L	0.1000	76.4 %	0-120	
			BSRPD	ug/L	0.1000	15.3%	≤25	
	625P	10/01/15:214372SG	CCV	ug/L	100.0	118 %	70-130	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.								
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. 362 : Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports. 410 : Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. 436 : Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.								

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Boron	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<0.10	
			LCS	mg/L	4.000	88.1 %	85-115	
			MS	mg/L	4.000	93.6 %	75-125	
			MSD	mg/L	4.000	92.4 %	75-125	
			MSRPD	mg/L	0.8000	1.3%	≤20.0	
Calcium	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	87.9 %	85-115	
			MS	mg/L	12.00	78.9 %	75-125	
			MSD	mg/L	12.00	103 %	75-125	
			MSRPD	mg/L	0.8000	6.1%	≤20.0	
Copper	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	88.9 %	85-115	
			MS	mg/L	0.8000	93.2 %	75-125	
			MSD	mg/L	0.8000	92.3 %	75-125	
			MSRPD	mg/L	0.8000	1.0%	≤20.0	
Iron	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<0.03	
			LCS	mg/L	4.000	87.3 %	85-115	
			MS	mg/L	4.000	90.8 %	75-125	
			MSD	mg/L	4.000	89.0 %	75-125	
			MSRPD	mg/L	0.8000	1.8%	≤20	
Magnesium	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	86.9 %	85-115	
			MS	mg/L	12.00	88.8 %	75-125	
			MSD	mg/L	12.00	94.0 %	75-125	
			MSRPD	mg/L	0.8000	2.8%	≤20	
Manganese	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	100 %	85-115	
			MS	mg/L	0.8000	89.7 %	75-125	
			MSD	mg/L	0.8000	93.3 %	75-125	
			MSRPD	mg/L	0.8000	2.4%	≤20.0	
Potassium	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	89.4 %	85-115	
			MS	mg/L	12.00	94.2 %	75-125	
			MSD	mg/L	12.00	93.2 %	75-125	
			MSRPD	mg/L	0.8000	1.0%	≤20.0	
Sodium	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	95.9 %	85-115	
			MS	mg/L	12.00	89.6 %	75-125	
			MSD	mg/L	12.00	95.7 %	75-125	
			MSRPD	mg/L	0.8000	3.2%	≤20.0	
Zinc	200.1	09/23/15:211054amb (CH 1577628-001)	Blank	mg/L		ND	<0.02	
			LCS	mg/L	0.8000	86.3 %	85-115	
			MS	mg/L	0.8000	88.5 %	75-125	
			MSD	mg/L	0.8000	88.6 %	75-125	
			MSRPD	mg/L	0.8000	0.07%	≤20	
Boron	200.7	09/23/15:213953AC	CCV	ppm	5.000	95.1 %	90-110	
			CCB	ppm		-0.029	0.1	
			CCV	ppm	5.000	95.4 %	90-110	
			CCB	ppm		-0.014	0.1	
	200.7	(SP 1510594-001)	MS	mg/L	4.000	102 %	75-125	
			MSD	mg/L	4.000	111 %	75-125	
			MSRPD	mg/L	800.0	8.0%	≤20.0	
	200.7	09/24/15:213989AC	CCV	ppm	5.000	99.3 %	90-110	
			CCB	ppm		0.037	0.1	
			CCV	ppm	5.000	101 %	90-110	

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Metals								
Boron	200.7	09/24/15:213989AC	CCB	ppm		0.035	0.1	
Calcium	200.7	09/23/15:213953AC	CCV	ppm	25.00	96.9 %	90-110	
			CCB	ppm		0.01	1	
			CCV	ppm	25.00	96.3 %	90-110	
			CCB	ppm		0.02	1	
	200.7	(SP 1510594-001)	MS	mg/L	12.00	84.4 %	75-125	
			MSD	mg/L	12.00	91.2 %	75-125	
			MSRPD	mg/L	800.0	0.7%	≤20.0	
	200.7	09/24/15:213989AC	CCV	ppm	25.00	98.3 %	90-110	
			CCB	ppm		0.002	1	
			CCV	ppm	25.00	99.1 %	90-110	
			CCB	ppm		0.003	1	
Copper	200.7	09/23/15:213953AC	CCV	ppm	1.000	94.2 %	90-110	
			CCB	ppm		0.00007	0.01	
			CCV	ppm	1.000	93.7 %	90-110	
			CCB	ppm		0.0002	0.01	
	200.7	(SP 1510594-001)	MS	ug/L	800.0	95.2 %	75-125	
			MSD	ug/L	800.0	101 %	75-125	
			MSRPD	ug/L	800.0	5.5%	≤20.0	
	200.7	09/24/15:213989AC	CCV	ppm	1.000	97.7 %	90-110	
			CCB	ppm		-0.00008	0.01	
			CCV	ppm	1.000	103 %	90-110	
			CCB	ppm		-0.0003	0.01	
Iron	200.7	(SP 1510594-001)	MS	ug/L	4000	103 %	75-125	
			MSD	ug/L	4000	110 %	75-125	
			MSRPD	ug/L	800.0	6.2%	≤20.0	
	200.7	09/24/15:213989AC	CCV	ppm	5.000	99.2 %	90-110	
			CCB	ppm		0.0093	0.03	
			CCV	ppm	5.000	100 %	90-110	
			CCB	ppm		0.0081	0.03	
			CCV	ppm	5.000	98.8 %	90-110	
			CCB	ppm		0.0046	0.03	
			CCV	ppm	5.000	99.4 %	90-110	
			CCB	ppm		0.0057	0.03	
Magnesium	200.7	09/23/15:213953AC	CCV	ppm	25.00	94.3 %	90-110	
			CCB	ppm		0.002	1	
			CCV	ppm	25.00	94.5 %	90-110	
			CCB	ppm		0.003	1	
	200.7	(SP 1510594-001)	MS	mg/L	12.00	91.2 %	75-125	
			MSD	mg/L	12.00	100 %	75-125	
			MSRPD	mg/L	800.0	1.2%	≤20.0	
	200.7	09/24/15:213989AC	CCV	ppm	25.00	97.0 %	90-110	
			CCB	ppm		0.0002	1	
			CCV	ppm	25.00	98.2 %	90-110	
			CCB	ppm		0.0007	1	
Manganese	200.7	(SP 1510594-001)	MS	ug/L	800.0	101 %	75-125	
			MSD	ug/L	800.0	108 %	75-125	
			MSRPD	ug/L	800.0	7.4%	≤20.0	
	200.7	09/24/15:213989AC	CCV	ppm	1.000	98.0 %	90-110	
			CCB	ppm		-0.00001	0.01	
			CCV	ppm	1.000	99.9 %	90-110	
			CCB	ppm		-0.000006	0.01	
			CCV	ppm	1.000	98.3 %	90-110	
			CCB	ppm		0.00002	0.01	

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Metals								
Manganese	200.7	09/24/15:213989AC	CCV CCB	ppm ppm	1.000	98.9 % 0.00006	90-110 0.01	
Potassium	200.7	09/23/15:213953AC	CCV	ppm	25.00	94.8 %	90-110	
			CCB	ppm		-0.02	1	
			CCV	ppm	25.00	96.1 %	90-110	
			CCB	ppm		-0.03	1	
	200.7	(SP 1510594-001)	MS	mg/L	12.00	113 %	75-125	
			MSD MSRPD	mg/L mg/L	12.00 800.0	121 % 4.7%	75-125 ≤20.0	
Sodium	200.7	09/24/15:213989AC	CCV	ppm	25.00	98.0 %	90-110	
			CCB	ppm		-0.006	1	
			CCV	ppm	25.00	99.4 %	90-110	
			CCB	ppm		-0.03	1	
	200.7	(SP 1510594-001)	MS	mg/L	12.00	91.1 %	90-110	
			MSD MSRPD	mg/L mg/L	12.00 800.0	0.009 92.1 % -0.04	1 90-110 1	
Zinc	200.7	09/24/15:213989AC	CCV	ppm	25.00	95.5 %	90-110	
			CCB	ppm		0.02	1	
			CCV	ppm	25.00	96.9 %	90-110	
			CCB	ppm		0.01	1	
	200.7	(SP 1510594-001)	MS	ug/L	800.0	72.7 %	<¼	
			MSD MSRPD	ug/L ug/L	800.0 800.0	87.5 % 0.7%	75-125 ≤20.0	
Aluminum	200.7	09/24/15:213989AC	CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.0002	0.02	
			CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		-0.0004	0.02	
	200.8	09/24/15:213977AC	CCV	ppb	120.0	93.9 %	90-110	
			CCB	ppb		0.8	10	
Antimony	200.8	09/24/15:213977AC	CCB	ppb		0.4	10	
			CCV	ppb	120.0	93.1 %	90-110	
	200.8	09/24/15:214035AC	ICV	ppb	120.0	96.2 %	90-110	
			ICB	ppb		-0.4	10	
	200.8	09/24/15:213977AC	CCV	ppb	120.0	98.6 %	90-110	
			CCB	ppb		-0.4	10	
Arsenic	200.8	09/24/15:213977AC	CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.46	1	
			CCB	ppb		0.55	1	
			CCV	ppb	120.0	100 %	90-110	
Barium	200.8	09/24/15:213977AC	CCV	ppb	120.0	96.5 %	90-110	
			CCB	ppb		0.12	2	
			CCB	ppb		0.07	2	
			CCV	ppb	120.0	94.4 %	90-110	
Barium	200.8	09/24/15:213977AC	CCV	ppb	120.0	94.2 %	90-110	
			CCB	ppb		0.11	1	
			CCB	ppb		0.03	1	

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Metals								
Barium	200.8	09/24/15:213977AC	CCV	ppb	120.0	93.9 %	90-110	
Beryllium	200.8	09/24/15:213977AC	CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.105	0.2	
			CCB	ppb		0.029	0.2	
			CCV	ppb	120.0	98.1 %	90-110	
Cadmium	200.8	09/24/15:213977AC	CCV	ppb	120.0	99.4 %	90-110	
			CCB	ppb		0.089	0.2	
			CCB	ppb		0.028	0.2	
			CCV	ppb	120.0	98.6 %	90-110	
Chromium	200.8	09/24/15:213977AC	CCV	ppb	120.0	97.1 %	90-110	
			CCB	ppb		0.12	1	
			CCB	ppb		0.008	1	
			CCV	ppb	120.0	96.6 %	90-110	
Copper	200.8	09/24/15:213977AC	CCV	ppb	120.0	96.7 %	90-110	
			CCB	ppb		-0.052	0.5	
			CCB	ppb		-0.268	0.5	
			CCV	ppb	120.0	95.8 %	90-110	
Lead	200.8	09/24/15:213977AC	CCV	ppb	120.0	98.7 %	90-110	
			CCB	ppb		0.106	0.5	
			CCB	ppb		0.015	0.5	
			CCV	ppb	120.0	93.2 %	90-110	
Nickel	200.8	09/24/15:213977AC	CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		0.09	1	
			CCB	ppb		0.00	1	
			CCV	ppb	120.0	97.0 %	90-110	
Selenium	200.8	09/24/15:213977AC	CCV	ppb	120.0	96.2 %	90-110	
			CCB	ppb		0.17	1	
			CCB	ppb		0.21	1	
			CCV	ppb	120.0	91.6 %	90-110	
Silver	200.8	09/24/15:213977AC	CCV	ppb	120.0	97.9 %	90-110	
			CCB	ppb		0.07	1	
			CCB	ppb		0.02	1	
			CCV	ppb	120.0	92.2 %	90-110	
Thallium	200.8	09/24/15:213977AC	CCV	ppb	120.0	96.9 %	90-110	
			CCB	ppb		0.101	0.2	
			CCB	ppb		0.036	0.2	
			CCV	ppb	120.0	91.4 %	90-110	
Mercury	245.1	09/25/15:211198ac (CC 1583165-001)	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	99.2 %	85-115	
			MS	ug/L	0.2000	110 %	75-125	
			MSD	ug/L	0.2000	112 %	75-125	
	245.1	09/25/15:214176AC	MSRPD	ug/L	0.2000	1.9%	≤20	
			CCV	ppt	200.0	96.7 %	90-110	
			CCB	ppt		2.2	20	
			CCV	ppt	200.0	95.8 %	90-110	
Aluminum	3010	09/23/15:211045amb (CC 1583172-001)	CCB	ppt		1.9	20	
			Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	86.6 %	85-115	
			MS	ug/L	40.00	99.9 %	75-125	
			MSD	ug/L	40.00	88.7 %	75-125	
			MSRPD	ug/L	40.00	5.7%	≤20.0	
Antimony	3010	09/23/15:211045amb	PDS	ug/L	40.00	98.4 %	75-125	
			Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	109 %	85-115	

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Metals								
Antimony	3010	(CC 1583172-001)	MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00	117 % 106 % 10% 119 %	75-125 75-125 ≤20.0 75-125	
Arsenic	3010	09/23/15:211045amb (CC 1583172-001)	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 % 106 % 99.6 % 6.0% 105 %	<2 85-115 75-125 75-125 ≤20 75-125	
Barium	3010	09/23/15:211045amb (CC 1583172-001)	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 100 % 118 % 100 % 8.7% 121 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Beryllium	3010	09/23/15:211045amb (CC 1583172-001)	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 % 110 % 106 % 3.9% 109 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Cadmium	3010	09/23/15:211045amb (CC 1583172-001)	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 108 % 112 % 103 % 8.6% 115 %	<0.2 85-115 75-125 75-125 ≤20 75-125	
Chromium	3010	09/23/15:211045amb (CC 1583172-001)	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 98.6 % 164 % 137 % 5.8% 163 %	<1 85-115 75-125 75-125 ≤20 75-125	 435 435 430
Copper	3010	09/23/15:211045amb (CC 1583172-001)	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 97.3 % 191 % 170 % 4.2% 194 %	<1 85-115 75-125 75-125 ≤20.0 75-125	 435 435 430
Lead	3010	09/23/15:211045amb (CC 1583172-001)	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 % 114 % 105 % 8.1% 116 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Nickel	3010	09/23/15:211045amb (CC 1583172-001)	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 97.6 % 113 % 108 % 4.2% 113 %	<1 85-115 75-125 75-125 ≤20 75-125	
Selenium	3010	09/23/15:211045amb	Blank LCS	ug/L ug/L	 40.00	ND 110 %	<2 80-120	

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Metals								
Selenium	3010	(CC 1583172-001)	MS MSD MSRPD PDS	ug/L ug/L ug/L ug/L	40.00 40.00 40.00 40.00	108 % 100 % 6.8% 105 %	75-125 75-125 ≤20 75-125	
Silver	3010	09/23/15:211045amb (CC 1583172-001)	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 102 % 110 % 102 % 7.6% 111 %	<1 85-115 75-125 75-125 ≤20.0 75-125	
Thallium	3010	09/23/15:211045amb (CC 1583172-001)	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 99.6 % 113 % 104 % 7.6% 115 %	<0.2 85-115 75-125 75-125 ≤20.0 75-125	
Wet Chem								
Oil and Grease	1664	10/01/15:211357AMM	Blank LCS BS BSD BSRPD	mg/L mg/L mg/L mg/L mg/L	 44.89 44.89 44.89 44.89	ND 90.8 % 81.2 % 89.3 % 9.2%	<3 78-114 78-114 78-114 ≤18	
Color	2120B	(SP 1510539-003)	Dup	units		0.0	5	
	2120B	09/24/15:214381jmg	CCB CCV	units units	 10.00	0.00 100 %	5.0 90-110	
Turbidity	2130B	(SP 1510539-003)	Dup	NTU		0.0%	20	
	2130B	09/23/15:213949jba	CCV CCB CCV CCB	NTU NTU NTU NTU	10.00 10.00	97.1 % 0.164 97.3 % 0.172	90-110 0.2 90-110 0.2	
Odor	2150B	(SP 1510539-003)	Dup	TON		0.0	1	
Chromium VI	218.6	09/25/15:211313MCA (STK1550546-001) (STK1550546-002)	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 96.1 % 74.9 % 59.5 % 1.6% 81.7 % 112 % 3.2%	<0.5 90-110 75-125 ≤¼ 75-125 75-125 ≤20	
	218.6	09/25/15:214181MCA	CCB CCV CCB CCV	ppb ppb ppb ppb	 5.000 5.000	0.000 96.0 % 0.000 96.5 %	0.5 95-105 0.5 95-105	
Alkalinity (as CaCO3)	2320B	(CC 1583245-001)	Dup	mg/L		30.3%	3.42	440
	2320B	09/23/15:214018AMB	CCV CCV	mg/L mg/L	234.9 234.9	93.8 % 104 %	90-110 90-110	
Bicarbonate	2320B	(CC 1583245-001)	Dup	mg/L		30.3%	4.78	440
Carbonate	2320B	(CC 1583245-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(CC 1583245-001)	Dup	mg/L		0.0	10	
Conductivity	2510B	09/23/15:213889JMG	ICB ICV CCV CCV	umhos/cm umhos/cm umhos/cm umhos/cm	 998.0 998.0 998.0	0.05 103 % 103 % 103 %	1 95-105 95-105 95-105	
E. C.	2510B	09/23/15:211057jmg	Blank	umhos/cm		ND	<1	

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Wet Chem								
E. C.	2510B	(CC 1583245-001)	Dup	umhos/cm		0.0%	5	
Total Dissolved Solids (TFR)	2540CE	09/23/15:211080CTL (SP 1510520-001)	Blank LCS Dup	mg/L mg/L mg/L	999.3	ND 102 % 3.3%	<20 90-110 5	
Solids, Suspended	2540D	09/28/15:211255JBA (SP 1510662-001)	Blank LCS LCS Dup	mg/L mg/L mg/L mg/L	50.05 50.05	ND 75.9 % 82.9 % 10.2%	<1 38-138 38-138 28.7	
Chloride	300.0	(SP 1510472-002)	MS	mg/L	500.0	86.2 %	85-121	
			MSD	mg/L	500.0	85.7 %	85-121	
			MSRPD	mg/L	500.0	0.5%	≤19	
			Blank	mg/L		ND	<1	
			LCS	mg/L	25.00	96.4 %	90-110	
			MS	mg/L	500.0	85.5 %	85-121	
			MSD	mg/L	500.0	85.2 %	85-121	
			MSRPD	mg/L	100.0	0.3%	≤19	
			CCB	ppm		0.06	1	
			CCV	ppm	25.00	96.5 %	90-110	
Fluoride	300.0	(SP 1510472-002)	CCB	ppm		0.07	1	
			CCV	ppm	25.00	97.3 %	90-110	
			MS	mg/L	50.00	101 %	87-120	
			MSD	mg/L	50.00	100 %	87-120	
			MSRPD	mg/L	500.0	0.9%	≤16	
			Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	101 %	90-110	
			MS	mg/L	50.00	101 %	87-120	
			MSD	mg/L	50.00	101 %	87-120	
			MSRPD	mg/L	100.0	0.2%	≤16	
Nitrate	300.0	(SP 1510472-002)	CCB	ppm		0.049	0.1	
			CCV	ppm	2.500	99.9 %	90-110	
			CCB	ppm		0.055	0.1	
			CCV	ppm	2.500	102 %	90-110	
			MS	mg/L	400.0	88.6 %	85-119	
			MSD	mg/L	400.0	88.0 %	85-119	
			MSRPD	mg/L	500.0	0.6%	≤19	
			Blank	mg/L		ND	<0.5	
			LCS	mg/L	20.00	95.7 %	90-110	
			MS	mg/L	400.0	89.2 %	85-119	
Nitrite	300.0	(SP 1510472-001)	MSD	mg/L	400.0	89.0 %	85-119	
			MSRPD	mg/L	100.0	0.2%	≤19	
			CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	95.9 %	90-110	
			CCB	ppm		0.000	0.5	
			CCV	ppm	20.00	96.7 %	90-110	
			MS	mg/L	300.0	89.3 %	74-126	
			MSD	mg/L	300.0	89.0 %	74-126	
			MSRPD	mg/L	500.0	0.3%	≤20	
			Blank	mg/L		ND	<0.5	
Nitrite	300.0	(SP 1510472-001)	LCS	mg/L	15.00	96.0 %	90-110	
			MS	mg/L	300.0	88.5 %	74-126	
			MSD	mg/L	300.0	88.7 %	74-126	
			MSRPD	mg/L	100.0	0.3%	≤20	
			CCB	ppm		0.000	0.5	
			CCV	ppm	15.00	96.6 %	90-110	

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrite	300.0	09/23/15:213893KD	CCB CCV	ppm ppm	15.00	0.000 97.5 %	0.5 90-110	
Sulfate	300.0	(SP 1510472-002)	MS	mg/L	1000	85.4 %	82-124	
			MSD	mg/L	1000	85.7 %	82-124	
			MSRPD	mg/L	500.0	0.3%	≤23	
			Blank	mg/L		ND	<2.0	
			LCS	mg/L	50.00	95.9 %	90-110	
		(SP 1510472-001)	MS	mg/L	1000	84.9 %	82-124	
			MSD	mg/L	1000	85.5 %	82-124	
			MSRPD	mg/L	100.0	0.6%	≤23	
		09/23/15:213893KD	CCB	ppm		0.06	2	
			CCV	ppm	50.00	95.9 %	90-110	
Perchlorate	314.0	09/28/15:211245SBL	CCB	ppm		0.06	2	
			CCV	ppm	50.00	96.8 %	90-110	
			CCB	ppm		0.06	2	
			CCV	ppm	50.00	96.8 %	90-110	
			Blank	ug/L		ND	<2	
	314.0	09/28/15:214174SBL	LCS	ug/L	24.82	108 %	85-115	
			MS	ug/L	24.82	106 %	80-120	
			MSD	ug/L	24.82	105 %	80-120	
			MSRPD	ug/L	24.82	1.3%	≤15	
			CCB	ppb		0.00	1.0	
Nitrogen, Total Kjeldahl	351.2	09/23/15:211047jmg (CH 1577732-001)	CCV	ppb	9.930	108 %	85-115	
			CCB	ppb		0.00	1.0	
			CCV	ppb	9.930	111 %	85-115	
			Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	103 %	73-124	
	4500ClG	09/23/15:213927AMM	MS	mg/L	12.00	112 %	54-136	
			MSD	mg/L	12.00	107 %	54-136	
			MSRPD	mg/L	12.00	5.0%	≤27	
			CCV	mg/L	0.9972	110 %	90-110	
			CCB	mg/L		-0.050	0.1	
Chlorine	4500CNCE	(SP 1510539-003)	CCV	mg/L	0.9972	110 %	90-110	
			CCB	mg/L		-0.045	0.1	
			CCV	mg/L	0.9972	110 %	90-110	
			CCB	mg/L		-0.045	0.1	
			Dup	mg/L		0.0047	0.1	
	4500HB	09/27/15:214071AMM	CCV	mg/L	0.1000	97.4 %	90-110	
			CCB	mg/L		-0.00252	0.004	
			CCV	mg/L	0.1000	97.4 %	90-110	
			CCB	mg/L		-0.00252	0.004	
			Blank	mg/L		ND	<0.004	
Cyanide, Total	4500NH3G	(STK1550473-001)	LCS	mg/L	0.1000	95.4 %	90-110	
			LCS	mg/L	0.4000	96.5 %	90-110	
			MS	mg/L	0.05000	112 %	26-226	
			MSD	mg/L	0.05000	115 %	26-226	
			MSRPD	mg/L	0.05000	2.9%	≤36	
	4500HB	09/24/15:213992JMG	ICB	mg/L		-0.142	0.2	
			ICV	mg/L	2.000	97.0 %	90-110	
			CCB	mg/L		-0.021	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.002	0.2	
pH	4500NH3G	(SP 1510491-001)	MS	mg/L	2.000	93.8 %	70-130	
			MSD	mg/L	2.000	98.5 %	70-130	
			MSRPD	mg/L	2.000	4.2%	≤20	
			ICB	mg/L		-0.142	0.2	
			ICV	mg/L	2.000	97.0 %	90-110	
	4500NH3G	09/23/15:213881AMB	CCB	mg/L		-0.021	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.002	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.002	0.2	
Ammonia Nitrogen	4500NH3G	(SP 1510491-001)	MS	mg/L	2.000	93.8 %	70-130	
			MSD	mg/L	2.000	98.5 %	70-130	
			MSRPD	mg/L	2.000	4.2%	≤20	
			ICB	mg/L		-0.142	0.2	
			ICV	mg/L	2.000	97.0 %	90-110	
	4500NH3G	09/23/15:213881AMB	CCB	mg/L		-0.021	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.002	0.2	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.002	0.2	

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
 Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Ammonia Nitrogen	4500NH3G	09/23/15:213881AMB	CCV	mg/L	2.000	102 %	90-110	
Nitrate + Nitrite as N	4500NO3F	(SP 1510526-001)	MS	mg/L	11.27	101 %	5-285	
			MSD	mg/L	11.27	102 %	5-285	
			MSRPD	mg/L	11.27	0.2%	≤30.4	
	4500NO3F	09/23/15:213921CJJ	CCB	mg/L		0.053	0.1	
			CCV	mg/L	11.27	96.1 %	90-110	
			CCB	mg/L		0.086	0.1	
CCV			mg/L	11.27	96.1 %	90-110		
Phosphorus	4500-P B	09/25/15:211201CJJ (SP 1510567-001)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	105 %	90-116	
			MS	mg/L	0.2500	65.4 %	25-292	
			MSD	mg/L	0.2500	69.3 %	25-292	
			MSRPD	mg/L	0.2500	0.0099	≤0.1	
Total Phosphorus	4500PE	09/25/15:214052CJJ	CCB	mg/L		0.005	0.1	
			CCV	mg/L	0.5000	101 %	90-110	
			CCB	mg/L		0.023	0.1	
			CCV	mg/L	0.5000	96.7 %	90-110	
BOD	5210B	09/22/15:211027NMRP (SP 1510541-001)	RgBlk	mg/L		0.36	2	735
			LCS	mg/L	198.0	97.7 %	84.6-115	
	5210B	09/27/15:214100AMM	Dup	mg/L		11.3%	15.9	
			CCV	mg/L	1.000	99.0 %	80-120	
MBAS	5540C	09/23/15:213981jmg	CCV	mg/L	1.000	98.0 %	80-120	
			CCB	mg/L		0.000	0.1	
MBAS Screen	5540C	(SP 1510501-001)	CCV	mg/L	10.00	100 %	99-101	
			MS	mg/L	10.00	100 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	09/25/15:213875AMB	MSD	mg/L	10.00	100 %	90-110	
			MSRPD	mg/L	10.00	0.0	≤0.1	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	5.000	104 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	5.000	98.1 %	90-110	
			CCB	mg/L		0.000	0.5	
			CCV	mg/L	5.000	98.1 %	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.							

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Inorganic

Definition	
ND	: Non-detect - Result was below the DQO listed for the analyte.
<1/4	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
735	: Dilution water exceeded DO uptake method criteria

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	10/01/15:214488caa	CCV CCB	cpm cpm	9239	44.6 % 0.1200	40 - 49 0.19	
Beta	900.0	10/01/15:214488caa	CCV CCB	cpm cpm	9239	96.9 % 0.4400	86 - 105 0.49	
Gross Alpha	900.0	09/30/15:211342elc (SP 1510560-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 180.6 180.6 180.6 180.6	1.43 97.4 % 119 % 112 % 5.2%	3 75-125 60-140 60-140 ≤30	
Gross Beta	900.0	09/30/15:211342elc (SP 1510560-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 73.89 73.89 73.89 180.6	-0.39 103 % 92.5 % 98.0 % 5.6%	4 75-125 80-130 80-130 ≤30	
Alpha	903.0	10/05/15:214589caa	CCV CCB	cpm cpm	8838	41.0 % 0.100	37 - 46 0.19	
Total Alpha Radium (226)	903.0	09/26/15:211216emv	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 21.59 21.59 21.59 21.59	0.03 79.4 % 80.9 % 79.9 % 1.2%	2 52-107 43-111 43-111 ≤35.5	
Beta	905.0	10/05/15:214603caa	CCV CCB	cpm cpm	9235	95.6 % 0.3600	86 - 105 0.55	
Total Strontium	905.0	09/26/15:211217emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 41.58 41.55 41.55 41.55	0.22 54.9 % 88.3 % 83.6 % 5.5%	2 53-133 75-125 75-125 ≤20	
Tritium	906.0	10/06/15:211597caa	Blank LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 1647 1647 1647 1647	0 95.9 % 107 % 107 % 0.0%	<300 75-125 75-125 75-125 ≤25	
	906.0	10/06/15:214748caa	CCV CCB	pCi/L pCi/L	31720	105 % 154	90-110 500	
Alpha	908.0	10/01/15:214606caa	CCV CCB	cpm cpm	8841	43.1 % 0.0800	41 - 50 0.12	
Uranium	908.0	09/30/15:211341caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 20.97 20.97 20.97 20.97	0.21 56.2 % 94.4 % 98.6 % 4.4%	1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	10/04/15:214456caa	CCV CCB	cpm cpm	9236	95.3 % 0.4000	86 - 105 0.55	
Ra 228	Ra - 05	09/26/15:211215emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 87.85 87.85 87.85 87.85	0.21 44.4 % 106 % 109 % 2.4%	3 27-59 75-125 75-125 ≤25	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.								

October 9, 2015
Rincon Consultants, Inc.

Lab ID : SP 1510539
Customer : 2-25173

Quality Control - Radio

Definition	
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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.

October 12, 2015

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 1510539

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: 2015-10-12

Enclosure

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory

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TEL: (209)942-0182
FAX: (209)942-0423
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CA ELAP Certification No. 2810



October 09, 2015

Vista Work Order No. 1500930

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

Dear Ms. Aguirre,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on September 25, 2015. This sample set was analyzed on a rush turn-around time, under your Project Name 'SP 1510539-(2-25173)'. The work was authorized under your Purchase Order No. SP 1510539-(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:mmmaier@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 NELAC 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 Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 ph: 916-673-1520 fx: 916-673-0106 www.vista-analytical.com

Vista Work Order No. 1500930

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

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1500930-01	MCWP-MW07S	22-Sep-15 13:30	25-Sep-15 09:29	Amber Glass NM Bottle, 1L
1500930-02	MCWP-07D	22-Sep-15 11:25	25-Sep-15 09:29	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank					EPA Method 1613B				
Matrix: Aqueous		QC Batch: B5J0006			Lab Sample: B5J0006-BLK1				
Sample Size: 1.00 L		Date Extracted: 02-Oct-2015 8:01			Date Analyzed : 07-Oct-15 19:28 Column: ZB-5MS Analyst: DB				
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	5.00	0.953			IS 13C-2,3,7,8-TCDD	76.5	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	90.0	42 - 164	

DL - Sample specife 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: OPR					EPA Method 1613B			
Matrix: Aqueous		QC Batch: B5J0006			Lab Sample: B5J0006-BS1			
Sample Size: 1.00 L		Date Extracted: 02-Oct-2015 8:01			Date Analyzed: 07-Oct-15 17:48 Column: ZB-5MS Analyst: DB			
Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard		%R	LCL-UCL
2,3,7,8-TCDD	204	200	102	73 - 146	IS	13C-2,3,7,8-TCDD	77.7	25 - 141
					CRS	37Cl-2,3,7,8-TCDD	92.6	37 - 158

LCL-UCL - Lower control limit - upper control limit

Sample ID: MCWP-MW07S						EPA Method 1613B			
Client Data Name: FGL Environmental, Inc. Project: SP 1510539-(2-25173) Date Collected: 22-Sep-2015 13:30			Sample Data Matrix: Monitoring Well Sample Size: 1.05 L			Laboratory Data Lab Sample: 1500930-01 Date Received: 25-Sep-2015 9:29 QC Batch: B5J0006 Date Extracted: 02-Oct-2015 8:01 Date Analyzed : 07-Oct-15 20:19 Column: ZB-5MS Analyst: DB			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.77	1.82			IS 13C-2,3,7,8-TCDD	69.2	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	89.7	42 - 164	
DL - Sample specific estimated detection limit						LCL-UCL- Lower control limit - upper control limit			
EMPC - Estimated maximum possible concentration			RL - Reporting limit			Results reported to MDL.			

Sample ID: MCWP-07D						EPA Method 1613B			
Client Data Name: FGL Environmental, Inc. Project: SP 1510539-(2-25173) Date Collected: 22-Sep-2015 11:25			Sample Data Matrix: Monitoring Well Sample Size: 1.03 L			Laboratory Data Lab Sample: 1500930-02 Date Received: 25-Sep-2015 9:29 QC Batch: B5J0006 Date Extracted: 02-Oct-2015 8:01 Date Analyzed : 07-Oct-15 21:09 Column: ZB-5MS Analyst: DB			
Analyte	Conc. (pg/L)	RL	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	4.83	1.31			IS 13C-2,3,7,8-TCDD	59.0	31 - 137	
						CRS 37Cl-2,3,7,8-TCDD	80.1	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	This compound was also detected in the method blank.
D	Dilution
E	The associated compound concentration exceeded the calibration range of the instrument.
H	Recovery and/or RPD was outside laboratory acceptance limits.
I	Chemical Interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated detection limit
MDL	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.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that correspond to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

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

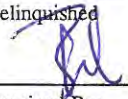
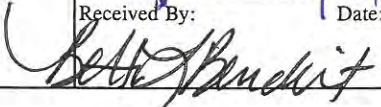
CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
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

**Subcontract to
Vista Analytical Laboratory**

1500930

2.02

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: SP 1510539 - (2-25173) 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)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT), 1000ml(AGT)																										
Lab Number:																															
Samp Num	Location Description	Date Sampled	Time Sampled																												
6	MCWP-07D	09/22/15	11:25														G	MW													
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:											
						9/24/15		17:30																							
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:											
						9/25/15		0937																							

**Subcontract to
Vista Analytical Laboratory**

1500930 2.0°C

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: SP 1510539 - (2-25173) Purchase Order Number:				Map Ref.														
				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), 1000ml(AGT)														
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																		
Lab Number:																		
Samp Num	Location Description	Date Sampled	Time Sampled															
3	MCWP-MW07S	09/22/15	13:30	G	MW													
6	MCWP-07D	09/22/15	11:25	G	MW													
Remarks: Revised COC via email. 9/29/15 UAB				Relinquished		Date:	Time:	Relinquished		Date:	Time:	Relinquished		Date:	Time:			
				Received By:		Date:	Time:	Received By:		Date:	Time:	Received By:		Date:	Time:			

SAMPLE LOG-IN CHECKLIST



Vista Project #:

1500930

TAT

Std

Samples Arrival:	Date/Time 9/25/15 0929		Initials: UBB		Location: WR-2	
	Shelf/Rack: NA					
Logged In:	Date/Time 9/28/15 1438		Initials: UBB		Location: WR-2	
	Shelf/Rack: B3					
Delivered By:	FedEx	UPS	On Trac	DHL	Hand Delivered	Other
Preservation:	Ice	Blue Ice	Dry Ice	None		
Temp °C: 2.1 (uncorrected)	Time: 0936			Thermometer ID: IR-2		
Temp °C: 2.0 (corrected)						

		YES	NO	NA
Adequate Sample Volume Received? A3B container		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?		✓		✓
Shipping Documentation Present?		✓		
Airbill	Trk # D10010836888862	✓		
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 ₂ S ₂ O ₃ Preservation Documented?	COC	Sample Container	None	
Shipping Container	Vista	Client	Retain	Return
		Dispose		

Comments:

Sample label ID: MCWP-07D; 1 Liter

MCWP-MW07S; 1 Liter

Collection date/time
9/22/15 1125
9/22/15 1330

Chain of Custody Anomaly/Sample Acceptance Form



Client: FGL Environmental, Inc.
 Contact: Cindy Aguirre
 Email: cindya@fglinc.com
 Phone: (805) 392-2012

Workorder Number: 1500930
 Date Received: 25-Sep-15 09:29
 Documented by/date: B.Benedict 09/28/2015

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.

Thank you,

Martha Maier
 mmaier@vista-analytical.com
 916-673-1520

The following information or item is needed to proceed with analysis:

☐ Complete Chain-of-Custody	☐ Preservative	☐ Collector's Name
☐ Test Method Requested	☐ Sample Identification	☐ Sample Type
☐ Analyte List Requested	☐ Sample Collection Date and/or Time	☐ Sample Location
☒ Other: See Comments		

The following anomalies were noted. Authorization is needed to proceed with analysis.

☐ Temperature outside < 6°C Range	Samples Affected: _____		
Temperature _____ °C	Ice Present?	Yes	No Melted
☐ Sample ID Discrepancy	☐ Insufficient Sample Size		
☐ Sample Holding Time Missed	☐ Sample Container(s) Broken		
☐ Custody Seals Broken	☐ Incorrect Container Type		

Comments:

Received two bottles, each bottle has different ID, Collection date/time.
 Sample 1) MCWP-07D, collection date/time: 9/22/15 1125 Same as COC
 Sample 2) MCWP-MW07S 9/22/15 1330 Sample received but not listed on COC.

Client Authorization

Proceed with Analysis ☒ YES ☐ NO

Signature and Date Cah- [Signature] 9/29/15

Client Comments/Instructions proceed, revised COC sent 9/29/15

October 14, 2015

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 1510539

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: 2015-10-14

Enclosure

147391

Map Ref.

[illegible]

DATE: October 14, 2015

CUSTOMER: FGL Environmental
853 Corporation Street
Santa Paula, CA 93060-3005

ATTENTION: Cindy Aguirre

REPORT NO: 167394

REFERENCE: Project Name: SP 1510539 - (2-25173)

SAMPLER: Peter

RECEIVED: September 23, 2015 at 1137

DATE ANALYZED: October 13, 2015

SUBJECT: ANALYSIS OF WATER SAMPLES FOR ASBESTOS BY TEM

ACCREDITATION: CDPH - ELAP 1119

The date and times of collection and filtration are as follows:

<u>SAMPLE NO:</u>	<u>DATE/TIME COLLECTED</u>	<u>DATE/TIME FILTERED</u>
3 MCWP-MW07S	Septemer 22, 2015 at 1330	September 23, 2015 at 1335
6 MCWP-07D	Septemer 22, 2015 at 1125	September 23, 2015 at 1330

In the drinking water document, EPA 600 R 94 134, 100.2, samples are analyzed for fibers >10 um in length. The regulation calls for an MCL (maximum contaminant level) of 7 MFL (million of fibers per liter) and an analytical sensitivity of 0.2 MFL.

Sample 3-MCWP-MW07S was turbid. The analytical sensitivity of 0.2 MFL was reached for sample 6-MCWP-07D.

The results of the analysis and the detection limit(s) are summarized on the following page(s), accompanied by the chain of custody.

Respectfully submitted,
EMS Laboratories, Inc.



B.M. Kolk
Laboratory Director
BMK/am

Note: The report shall not be reproduced, except in full without the written approval of EMS Laboratories, Inc.

Note: The results of the analysis are based upon the sample submitted to the laboratory. No representation is made regarding the sampling area other than that implied by the analytical results for the immediate vicinity of the samples analyzed as calculated from the data presented with those samples. All the analytical quality control data meet the requirement of the procedure unless otherwise indicated. Any deviation or exclusion from the test method is noted in this cover letter. Unless otherwise noted in this cover letter the samples were received properly packaged, clearly identified and intact.

ANALYSIS OF WATER FOR ASBESTOS BY TEM (EPA-600 R 94 134) EPA 100.2

LAB.NO. 167394
CLIENT: Fruit Growers Laboratories, Inc.
DATE ANALYZED: 10/13/2015

[illegible]

* FOR FIBERS > 10 μ m ONLY

INDIVIDUAL ANALYTICAL RESULTS

[illegible]

The analysis was carried out to the approved TEM method. This laboratory is in compliance with the quality specified by the method.

Authorized Signature B. M. Kell

NA Not Applicable
ND None Detected
PC Polycarbonate
GO Grid Openings
MFL Million Fibers per Liter

October 20, 2015

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 1510539

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

- Sub Inorganic-Bromate, Chlorite, Low-Level
- Sub Contracted-PPCP-EPA 1694M Hormones
- 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: 2015-10-20

Enclosure



CERTIFICATE OF ANALYSIS

Client: FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Attention: Cindy Aguirre

Phone: (805) 392-2012

Fax: (805) 525-4172

Work Order(s): 5123097

Report Date: 10/13/15 16:03

Received Date: 09/23/15 09:15

Turn Around: Normal

Client Project: SP 1510539 - (2-25173)

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 09/23/15 09:15 with the Chain of Custody document. The samples were received in good condition, at 2.4 °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: 09/23/15 09:15
Date Reported: 10/13/15 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Lab ID	Matrix	Date Sampled
MCWP-MW07S	Peter	5123097-01	Water	09/22/15 13:30
MCWP-07D	Peter	5123097-02	Water	09/22/15 11:25

ANALYSES

Anions by IC, EPA Method 300.1

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: 09/23/15 09:15
Date Reported: 10/13/15 16:03

5I23097-01 MCWP-MW07S**Sampled:** 09/22/15 13:30**Sampled By:** Peter**Matrix:** Water**Anions by IC, EPA Method 300.1**

Method: EPA 300.1

Batch: W5J0022

Prepared: 10/01/15 10:38

Analyst: Ashley J. Partridge

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Bromate	ND	0.63	5.0	ug/l	1	10/01/15 13:09	
Chlorite	ND	0.70	10	ug/l	1	10/01/15 13:09	
<i>Surr: Dichloroacetate</i>	94 %	Conc:469	90-115	%			
<i>Surr: Dichloroacetate</i>	94 %	Conc:469	90-115	%			

Nitrosamines by isotopic dilution GC/MS CI Mode

Method: EPA 1625M

Batch: W5I1413

Prepared: 09/25/15 10:11

Analyst: Silva Mirzoyan

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l	1	10/02/15 01:53	

PPCPs - Hormones by LC/MSMS-APCI

Method: EPA 1694M-APCI

Batch: W5J0087

Prepared: 10/02/15 08:32

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
17-b-Estradiol	ND	0.31	1.0	ng/l	1	10/12/15 16:14	

PPCPs - Pharmaceuticals by LC/MSMS-ESI-

Method: EPA 1694M-ESI-

Batch: W5J0085

Prepared: 10/02/15 08:28

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Triclosan	2.4	1.2	2.0	ng/l	1	10/09/15 11:57	

PPCPs - Pharmaceuticals by LC/MSMS-ESI+

Method: EPA 1694M-ESI+

Batch: W5J0086

Prepared: 10/02/15 08:31

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Caffeine	15	0.31	4.0	ng/l	1	10/12/15 11:37	B-01
DEET	42	0.060	1.0	ng/l	1	10/12/15 11:37	
Sucralose	520	5.0	5.0	ng/l	1	10/12/15 11:37	E-01



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/23/15 09:15
Date Reported: 10/13/15 16:03

5I23097-02 MCWP-07D

Sampled: 09/22/15 11:25

Sampled By: Peter

Matrix: Water

Anions by IC, EPA Method 300.1

Method: EPA 300.1

Batch: W5J0022

Prepared: 10/01/15 10:38

Analyst: Ashley J. Partridge

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Bromate	50	1.3	10	ug/l	2	10/01/15 17:38	
Chlorite	ND	1.4	20	ug/l	2	10/01/15 17:38	
Surr: Dichloroacetate	93 %	Conc:467	90-115	%			
Surr: Dichloroacetate	93 %	Conc:467	90-115	%			

Nitrosamines by isotopic dilution GC/MS CI Mode

Method: EPA 1625M

Batch: W5I1413

Prepared: 09/25/15 10:11

Analyst: Silva Mirzoyan

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l	1	10/02/15 02:22	

PPCPs - Hormones by LC/MSMS-APCI

Method: EPA 1694M-APCI

Batch: W5J0087

Prepared: 10/02/15 08:32

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
17-b-Estradiol	ND	0.31	1.0	ng/l	1	10/12/15 16:30	

PPCPs - Pharmaceuticals by LC/MSMS-ESI-

Method: EPA 1694M-ESI-

Batch: W5J0085

Prepared: 10/02/15 08:28

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Triclosan	1.7	1.2	2.0	ng/l	1	10/09/15 12:13	J

PPCPs - Pharmaceuticals by LC/MSMS-ESI+

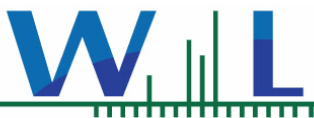
Method: EPA 1694M-ESI+

Batch: W5J0086

Prepared: 10/02/15 08:31

Analyst: Kyle A. Nash

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Caffeine	3.8	0.31	4.0	ng/l	1	10/12/15 11:50	B-01, J
DEET	9.4	0.060	1.0	ng/l	1	10/12/15 11:50	
Sucralose	340	5.0	5.0	ng/l	1	10/12/15 11:50	



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/23/15 09:15
Date Reported: 10/13/15 16:03

QUALITY CONTROL SECTION



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/23/15 09:15
Date Reported: 10/13/15 16:03

Anions by IC, EPA Method 300.1 - Quality Control**Batch W5J0022 - EPA 300.1**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0022-BLK1)					Analyzed: 10/01/15 10:48						
Bromate	ND	0.63	5.0	ug/l							
Chlorite	ND	0.70	10	ug/l							
Surr: Dichloroacetate	526			ug/l	500		105	90-115			
Surr: Dichloroacetate	526			ug/l	500		105	90-115			
Blank (W5J0022-BLK2)					Analyzed: 10/05/15 11:17						
Bromate	ND	0.63	5.0	ug/l							
Chlorite	ND	0.70	10	ug/l							
Surr: Dichloroacetate	558			ug/l	500		112	90-115			
Surr: Dichloroacetate	558			ug/l	500		112	90-115			
LCS (W5J0022-BS1)					Analyzed: 10/01/15 11:08						
Bromate	102	0.63	5.0	ug/l	100		102	85-115			
Chlorite	91.3	0.70	10	ug/l	100		91	85-115			
Surr: Dichloroacetate	547			ug/l	500		109	90-115			
Surr: Dichloroacetate	547			ug/l	500		109	90-115			
LCS (W5J0022-BS2)					Analyzed: 10/05/15 11:38						
Bromate	104	0.63	5.0	ug/l	100		104	85-115			
Chlorite	94.2	0.70	10	ug/l	100		94	85-115			
Surr: Dichloroacetate	533			ug/l	500		107	90-115			
Surr: Dichloroacetate	533			ug/l	500		107	90-115			
Matrix Spike (W5J0022-MS1)					Source: 5I16037-01 Analyzed: 10/05/15 17:54						
Bromate	964	6.3	50	ug/l	1000	1.39	96	64-133			
Chlorite	898	7.0	100	ug/l	1000	ND	90	78-129			
Surr: Dichloroacetate	563			ug/l	500		113	90-115			
Surr: Dichloroacetate	563			ug/l	500		113	90-115			
Matrix Spike Dup (W5J0022-MSD1)					Source: 5I16037-01 Analyzed: 10/05/15 18:14						
Bromate	982	6.3	50	ug/l	1000	1.39	98	64-133	2	20	
Chlorite	920	7.0	100	ug/l	1000	ND	92	78-129	2	20	
Surr: Dichloroacetate	514			ug/l	500		103	90-115			
Surr: Dichloroacetate	514			ug/l	500		103	90-115			

Nitrosamines by isotopic dilution GC/MS CI Mode - Quality Control**Batch W5I1413 - EPA 1625M**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5I1413-BLK1)					Analyzed: 09/28/15 09:21						
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l							
Blank (W5I1413-BLK2)					Analyzed: 10/02/15 08:35						
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l							QC-2
LCS (W5I1413-BS1)					Analyzed: 09/28/15 09:50						
N-Nitrosodimethylamine	2.29	0.50	2.0	ng/l	3.00		76	50-150			



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/23/15 09:15
Date Reported: 10/13/15 16:03

Nitrosamines by isotopic dilution GC/MS CI Mode - Quality Control**Batch W5I1413 - EPA 1625M**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
LCS (W5I1413-BS2)					Analyzed: 10/01/15 17:45						
N-Nitrosodimethylamine	2.21	0.50	2.0	ng/l	3.00		74	50-150			QC-2
LCS Dup (W5I1413-BSD1)					Analyzed: 09/28/15 10:19						
N-Nitrosodimethylamine	2.32	0.50	2.0	ng/l	3.00		77	50-150	1	30	
LCS Dup (W5I1413-BSD2)					Analyzed: 10/01/15 18:14						
N-Nitrosodimethylamine	2.73	0.50	2.0	ng/l	3.00		91	50-150	21	30	QC-2

PPCPs - Pharmaceuticals by LC/MSMS-ESI+ - Quality Control**Batch W5J0086 - EPA 1694M-ESI+**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0086-BLK1)					Analyzed: 10/12/15 10:56						
Caffeine	3.11	0.31	4.0	ng/l							B-01, J
DEET	0.955	0.060	1.0	ng/l							J
Sucralose	ND	5.0	5.0	ng/l							
LCS (W5J0086-BS1)					Analyzed: 10/12/15 11:10						
Caffeine	49.3	0.31	4.0	ng/l	40.0		123	55-152			
DEET	46.1	0.060	1.0	ng/l	40.0		115	45-135			
Sucralose	205	5.0	5.0	ng/l	200		102	50-150			
LCS Dup (W5J0086-BSD1)					Analyzed: 10/12/15 11:23						
Caffeine	48.6	0.31	4.0	ng/l	40.0		122	55-152	1	30	
DEET	52.3	0.060	1.0	ng/l	40.0		131	45-135	13	30	
Sucralose	228	5.0	5.0	ng/l	200		114	50-150	11	30	

PPCPs - Pharmaceuticals by LC/MSMS-ESI- - Quality Control**Batch W5J0085 - EPA 1694M-ESI-**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0085-BLK1)					Analyzed: 10/09/15 10:56						
Triclosan	1.25	1.2	2.0	ng/l							J
LCS (W5J0085-BS1)					Analyzed: 10/09/15 11:12						
Triclosan	42.0	1.2	2.0	ng/l	40.0		105	76-139			
LCS Dup (W5J0085-BSD1)					Analyzed: 10/09/15 11:29						
Triclosan	44.9	1.2	2.0	ng/l	40.0		112	76-139	7	30	

PPCPs - Hormones by LC/MSMS-APCI - Quality Control**Batch W5J0087 - EPA 1694M-APCI**



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/23/15 09:15
Date Reported: 10/13/15 16:03

PPCPs - Hormones by LC/MSMS-APCI - Quality Control**Batch W5J0087 - EPA 1694M-APCI**

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%RE	% REC Limits	RPD	RPD Limit	Data Qualifiers
Blank (W5J0087-BLK1)					Analyzed: 10/12/15 15:23						
17-b-Estradiol	0.380	0.31	1.0	ng/l							J
LCS (W5J0087-BS1)					Analyzed: 10/12/15 15:40						
17-b-Estradiol	45.3	0.31	1.0	ng/l	40.0		113	65-146			
LCS Dup (W5J0087-BSD1)					Analyzed: 10/12/15 15:57						
17-b-Estradiol	47.3	0.31	1.0	ng/l	40.0		118	65-146	4	30	



FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Date Received: 09/23/15 09:15
Date Reported: 10/13/15 16:03

Notes and Definitions

QC-2	This QC sample was reanalyzed to complement samples that require re-analysis on different date. See analysis date.
J	Estimated conc. detected <MRL and >MDL.
E-01	The concentration indicated for this analyte is an estimated value above the calibration range.
B-01	This analyte was found in the method blank, which was possibly contaminated in the lab during preparation. The reporting limit was raised due to the contamination.
ND	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reportable
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Sub	Subcontracted analysis, original report available upon request
MDL	Method Detection Limit
MDA	Minimum Detectable Activity
MRL	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: 5123097
Client: FGL Environmental
Project: PPCP-EDC

Printed: 10/20/2015 10:35:08AM
Project Manager: Kim G. Tu
Project Number: SP 1510539 - (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: 10/07/15 15:00 (10 day TAT)

Received By: Jaime Gomez

Date Received: 09/23/15 09:15

Logged In By: Jaime Gomez

Date Logged In: 09/23/15 19:34

Samples Received at:	2.4°C	Sample labels & COC agree	Yes	Sufficient holding time for all tests	Yes
All containers intact:	Yes	Samples preserved properly	Yes	Received on Ice	Yes
Custody Seals	No	Sample volume sufficient	Yes	Appropriate sample containers	Yes
Chain of custody completed	Yes				

Analysis	TAT	Expires	Comments
5123097-01 MCWP-MW07S [Water] Sampled 09/22/15 13:30 (GMT-08:00) Pacific Time (US &			
PPCP Pharma-Positive	10	10/20/15 13:30	Caffeine, DEET, Sucralose
PPCP Pharma-Negative	10	10/20/15 13:30	Triclosan only
PPCP Hormones	10	10/20/15 13:30	17b-Estradiol only
NDMA	10	09/29/15 13:30	
300.1 Chlorite	10	10/06/15 13:30	
300.1 Bromate	10	10/20/15 13:30	

5123097-02 MCWP-07D [Water] Sampled 09/22/15 11:25 (GMT-08:00) Pacific Time (US &			
300.1 Chlorite	10	10/06/15 11:25	
300.1 Bromate	10	10/20/15 11:25	
PPCP Pharma-Positive	10	10/20/15 11:25	Caffeine, DEET, Sucralose
PPCP Pharma-Negative	10	10/20/15 11:25	Triclosan only
PPCP Hormones	10	10/20/15 11:25	17b-Estradiol only
NDMA	10	09/29/15 11:25	



Sample Receipt Acknowledgement

WORK ORDER: 5123097
Client: FGL Environmental
Project: PPCP-EDC

Printed: 10/20/2015 10:35:08AM
Project Manager: Kim G. Tu
Project Number: SP 1510539 - (2-25173)

Comments:

10/20/2015

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.

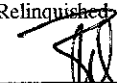
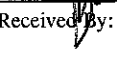
**Subcontract to
Weck Laboratories, Inc.**

5I23097

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: SP 1510539 - (2-25173) 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 Inorganic-Bromate, Chlorite, Low-Level Samples not received on 9/23/15. Samples will be shipped 9/23. <i>(PT)</i>	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** 8oz(P)	Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(P)						
Sampler(s) Peter																		
Compositor Setup Date: ____/____/____ Time: ____/____																		
Lab Number:																		
Samp Num	Location Description	Date Sampled	Time Sampled															
3	MCWP-MW07S	09/22/15	13:30	G	MW					1	1	1						
6	MCWP-07D	09/22/15	11:25	G	MW					1	1	1						
Remarks:				Relinquished		Date:	Time:	Relinquished		Date:	Time:	Relinquished		Date:	Time:			
				<i>[Signature]</i>		9/22/15	17:30	<i>Ontac</i>										
				Received By:		Date:	Time:	Received By:		Date:	Time:	Received By:		Date:	Time:			
				<i>Ontac</i>				<i>June/mc</i>		9/23/15	09:15							

2.4°C

Subcontract to Weck 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: SP 1510539 - (2-25173) 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 Inorganic-Bromate, Chlorite, Low-Level Please include MDL Reporting 40ml(VOA)-Ethyleneimine		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** 8oz(P)		Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(P)		Received 9/22/15		Received 9/22/15		Map Ref.	
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																									
Lab Number:																									
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti Type	Bacti Reason	Sub Inorganic	Sub Contracted-PPCP	Sub Contracted-EPA	Received	Received												
3	MCWP-MW07S	09/22/15	13:30	G	MW						1	1													
6	MCWP-07D	09/22/15	11:25	G	MW				1		1	1													
7	MCWP-MW07S	09/23/15	08:30	G	LBW				1																
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:					
						9/23/15		17:30		On Trac		9/29/15		7:50											
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:					
												7:30													

October 20, 2015

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 1510539

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: 2015-10-20

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 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °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>
B5I2643-01	SP 1510539 - (2-25173) 3 MCWP-MW07S Grab	Water	09/22/15 13:30	Peter	09/24/15 09:10	Ontrac
B5I2643-02	SP 1510539 - (2-25173) 6 MCWP-07D Grab	Water	09/22/15 11:25	Peter	09/24/15 09:10	Ontrac
B5I2643-03	Travel Blank Grab	Water	09/22/15 00:00	Peter	09/24/15 09:10	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 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B5I2643-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1510539 - (2-25173) 3 MCWP-MW07S	Water	09/22/15 13:30	09/24/15 9:10

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	10/05/15 00:46	JHR	
DEH-Adipate	0.37	5.0	0.18	ug/L	EPA 525.2	10/05/15 00:46	JHR	J
DEH-Phthalate	8.9	3.0	0.81	ug/L	EPA 525.2	10/05/15 00:46	JHR	
Surrogate: 4-Terphenyl-d14	106	%	70-130		EPA 525.2	10/05/15 00:46	JHR	
Surrogate: Triphenyl phosphate	109	%	50-150		EPA 525.2	10/05/15 00:46	JHR	



BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 3 of 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B5I2643-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1510539 - (2-25173) 6 MCWP-07D	Water	09/22/15 11:25	09/24/15 9:10

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	10/05/15 01:13	JHR	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	10/05/15 01:13	JHR	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	10/05/15 01:13	JHR	
Surrogate: 4-Terphenyl-d14	105	%	70-130		EPA 525.2	10/05/15 01:13	JHR	
Surrogate: Triphenyl phosphate	74.8	%	50-150		EPA 525.2	10/05/15 01:13	JHR	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 4 of 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B5I2643-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Travel Blank	Water	09/22/15 00:00	09/24/15 9:10

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	10/07/15 20:15	JHR	
DEH-Adipate	ND	5.0	0.18	ug/L	EPA 525.2	10/07/15 20:15	JHR	
DEH-Phthalate	ND	3.0	0.81	ug/L	EPA 525.2	10/07/15 20:15	JHR	
Surrogate: 4-Terphenyl-d14	108	% 70-130			EPA 525.2	10/07/15 20:15	JHR	
Surrogate: Triphenyl phosphate	108	% 50-150			EPA 525.2	10/07/15 20:15	JHR	



BABCOCK Laboratories, Inc.
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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 5 of 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: **B5I2643**

Received on Ice (Y/N): Yes Temp: 5 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5J01023 - EPA 525 Disk Extract										
Blank (5J01023-BLK1)				Prepared: 10/01/15 Analyzed: 10/04/15						
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	5.3			ug/L	5.13		104	50-150		
LCS (5J01023-BS1)				Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	4.34	0.10	0.090	ug/L	5.13		84.6	70-136		
DEH-Adipate	5.93	5.0	0.18	ug/L	5.13		116	70-159		
DEH-Phthalate	6.03	3.0	0.81	ug/L	5.13		118	70-137		
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.13		107	70-130		
Surrogate: Triphenyl phosphate	5.3			ug/L	5.13		104	50-150		
LCS Dup (5J01023-BSD1)				Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	4.51	0.10	0.090	ug/L	5.13		88.0	70-136	3.94	40
DEH-Adipate	5.95	5.0	0.18	ug/L	5.13		116	70-159	0.345	40
DEH-Phthalate	6.14	3.0	0.81	ug/L	5.13		120	70-137	1.94	40
Surrogate: 4-Terphenyl-d14	5.4			ug/L	5.13		105	70-130		
Surrogate: Triphenyl phosphate	5.4			ug/L	5.13		105	50-150		
Matrix Spike (5J01023-MS1)				Source: B5I2677-01 Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	3.53	0.10	0.090	ug/L	5.13	ND	68.8	61-138		
DEH-Adipate	6.05	5.0	0.18	ug/L	5.13	ND	118	70-159		
DEH-Phthalate	5.99	3.0	0.81	ug/L	5.13	ND	117	70-142		
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.13		108	70-130		
Surrogate: Triphenyl phosphate	5.4			ug/L	5.13		106	50-150		
Matrix Spike Dup (5J01023-MSD1)				Source: B5I2677-01 Prepared: 10/01/15 Analyzed: 10/04/15						
Benzo(a)pyrene	3.92	0.10	0.090	ug/L	5.26	ND	74.4	61-138	10.4	40
DEH-Adipate	6.55	5.0	0.18	ug/L	5.26	ND	124	70-159	7.88	40
DEH-Phthalate	6.81	3.0	0.81	ug/L	5.26	ND	129	70-142	12.7	40
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.26		104	70-130		
Surrogate: Triphenyl phosphate	5.6			ug/L	5.26		107	50-150		



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Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 6 of 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °C

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5J06121 - EPA 525 Disk Extract										
Blank (5J06121-BLK1)				Prepared: 10/06/15 Analyzed: 10/07/15						
Benzo(a)pyrene	ND	0.10	0.090	ug/L						
DEH-Adipate	ND	5.0	0.18	ug/L						
DEH-Phthalate	19.2	3.0	0.81	ug/L						A-01, QBLK, QOcal
Surrogate: 4-Terphenyl-d14	4.8			ug/L	5.13	93.4	70-130			
Surrogate: Triphenyl phosphate	4.7			ug/L	5.13	91.6	50-150			
LCS (5J06121-BS1)				Prepared: 10/06/15 Analyzed: 10/07/15						
Benzo(a)pyrene	4.72	0.10	0.090	ug/L	5.13	92.0	70-136			
DEH-Adipate	5.78	5.0	0.18	ug/L	5.13	113	70-159			
DEH-Phthalate	75.8	3.0	0.81	ug/L	5.13	NR	70-137			A-01, QL-MS, QOcal
Surrogate: 4-Terphenyl-d14	5.4			ug/L	5.13	106	70-130			
Surrogate: Triphenyl phosphate	5.6			ug/L	5.13	110	50-150			
LCS Dup (5J06121-BSD1)				Prepared: 10/06/15 Analyzed: 10/07/15						
Benzo(a)pyrene	4.72	0.10	0.090	ug/L	5.13	92.1	70-136	0.109	40	
DEH-Adipate	5.54	5.0	0.18	ug/L	5.13	108	70-159	4.26	40	
DEH-Phthalate	34.3	3.0	0.81	ug/L	5.13	NR	70-137	75.5	40	A-01, QL-MS, QOcal
Surrogate: 4-Terphenyl-d14	5.2			ug/L	5.13	101	70-130			
Surrogate: Triphenyl phosphate	5.4			ug/L	5.13	106	50-150			
Matrix Spike (5J06121-MS1)				Source: B5J0413-01	Prepared: 10/06/15 Analyzed: 10/07/15					
Benzo(a)pyrene	4.47	0.11	0.10	ug/L	5.81	ND	76.9	61-138		
DEH-Adipate	6.41	5.7	0.21	ug/L	5.81	ND	110	70-159		
DEH-Phthalate	7.24	3.4	0.92	ug/L	5.81	ND	124	70-142		
Surrogate: 4-Terphenyl-d14	6.0			ug/L	5.81	103	70-130			
Surrogate: Triphenyl phosphate	5.9			ug/L	5.81	102	50-150			
Matrix Spike Dup (5J06121-MSD1)				Source: B5J0413-01	Prepared: 10/06/15 Analyzed: 10/07/15					
Benzo(a)pyrene	4.39	0.10	0.090	ug/L	5.56	ND	79.1	61-138	1.73	40
DEH-Adipate	6.07	5.0	0.18	ug/L	5.56	ND	109	70-159	5.37	40
DEH-Phthalate	6.44	3.0	0.81	ug/L	5.56	ND	116	70-142	11.6	40
Surrogate: 4-Terphenyl-d14	5.5			ug/L	5.56	98.8	70-130			
Surrogate: Triphenyl phosphate	6.1			ug/L	5.56	110	50-150			



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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 7 of 7
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Report Date: 16-Oct-2015

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °C

Notes and Definitions

A-01 All client samples on batch are ND for DEH-Phthalate.

J Estimated value

QBLK The method blank did not meet laboratory acceptance criteria.

QL-MS Batch acceptance based on MS and/or MSD recovery within LCS criteria. The LCS recovery did not meet laboratory acceptance criteria.

QOcal The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.

ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)

NR: Not Reported

RDL: Reportable Detection Limit

MDL: Method Detection Limit

* / " : NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

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

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

e-Standard_No Alias.rpt
CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119



Analytical Report: Page 1 of 1
Project Name: FGL - 525 Regulated No
Pesticides
Project Number: SP 1510539-(2-25173)

Work Order Number: B5I2643

Received on Ice (Y/N): Yes Temp: 5 °C

[illegible]

LACSD No., 10119

4052:09/07/2015				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 GWM 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)				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) EMS				Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT) VSTW				Sub Inorganic-Bromate, Chlorite, Low-Level Please include MDL Reporting 40ml(VOA)-Ethylenediamine NECK				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			
Sampler(s) Pcter				Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____:____				Lab Number: SP 1510539101118 2-25173				Samp Num				Location Description				Date Sampled				Time Sampled																															
0				Travel Blank				G				LBW																																											
1				SMBRP-9				G				MW				1,1,1				1				2				1				2				1				1				1				1							
2				MCWP-MW04S				G				MW				1,1,1				1				2				1				2				1				1				1				1							
3				MCWP-MW07S				G				MW				1,1,1				1				2				1				2				1				1				1				1							
4				SMBRP-12				G				MW				1,1,1				1				2				1				2				1				1				1				1							
5				MCWP-04D				G				MW				1,1,1				1				2				1				2				1				1				1				1							
6				MCWP-07D				G				MW				1,1,1				1				2				1				2				1				1				1				1							
7				MCWP-MW09				G				MW				1,1,1				1				2				1				2				1				1				1				1							
8				TY-MW-1				G				MW				1,1,1				1				2				1				2				1				1				1				1							
9				LAMW-5S				G				MW				1,1,1				1				2				1				2				1				1				1				1							
Remarks: Multiple Chains				Relinquished				Date:				Time:				Relinquished				Date:				Time:				Relinquished				Date:				Time:																			
				Received By:				Date:				Time:				Received By:				Date:				Time:				Received By:				Date:				Time:																			

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4052:09/07/2015				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: 1330 Contact Person: Torin Snyder Project Name: Malibu WWTP - BL GWM 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) 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																						
Sampler(s) Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____ Lab Number: SP 1510539 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)	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	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613	Sub Inorganic-Bromate, Chlorite, Low-Level	EPA 505	EPA 507	EPA 515	EPA 531.1	EPA 547	EPA 548.1	EPA 549-Diquat	EPA 552.2
10	SMBRP-13			G	MW																					
11	MCWP-MW10			G	MW																					
12	CCPE			G	MW																					
13	MBCM-W-9			G	MW																					
14	WF-MW-2			G	MW																					
15	MCWP-MW05			G	MW																					
16	MCWP-MW06			G	MW																					
Remarks: Multiple Chains				Relinquished Date: 9/22/15 Time: 1540 Received By: [Signature] Date: 9/22/15 Time: 1540 Relinquished Date: 9/22/15 Time: 1540 Received By: [Signature] Date: 9/22/15 Time: 1540 Relinquished Date: 9/22/15 Time: 1540 Received By: [Signature] Date: 9/22/15 Time: 1540																						

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Sampler(s) Peter Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____ Lab Number: SP 1510531 2-25173																																			
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti Type	Bacti Reason	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, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Ti, 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(AGT)-H2SO4,	16oz(P), 32oz(P)	Wet Chemistry-Color, Odor, Turbidity	500 ml(AGT)
0	Travel Blank			G	LBW					1	2	4																							
1	SMBRP-9			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
2	MCWP-MW04S			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
3	MCWP-MW07S	9/22/15	1320	G	MW					1	2	4	1	2								7.43			1330	1,1	1	1,1,1,1,1	1						
4	SMBRP-12			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
5	MCWP-04D			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
6	MCWP-07D	9/22/15	1125	G	MW					1	2	4	1	2								7.23			1330	1,1	1	1,1,1,1,1	1						
7	MCWP-MW09			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
8	TY-MW-1			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
9	LAMW-5S			G	MW					1	2	4	1	2												1,1	1	1,1,1,1,1	1						
Remarks: Multiple Chains				Relinquished		Date: 9/25/15		Time: 7:00 AM		Relinquished		Date: 9/22/15		Time: 1:50 PM		Relinquished		Date: 9/22/15		Time: 1:50 PM															
				Received By: [Signature]		Date: 9/22/15		Time: 1:50 PM		Received By: [Signature]		Date: 9/22/15		Time: 1:50 PM		Received By: [Signature]		Date: 9/22/15		Time: 1:50 PM															

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Sampler(s) Peter				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 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 1000ml(AGT) Chlordane, Toxaphene and PBCs	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-NO3-N, TDS 16oz(P)	154	1540
Samp Num	Location Description	Date Sampled	Time Sampled															
10	SMBRP-13			G	MW										1,1			
11	MCWP-MW10			G	MW										1,1			
12	CCPE			G	MW										1,1			
13	MBCM-W-9	9/24/15	1225	G	MW									7.4	1,1			
14	WF-MW-2			G	MW										1,1			
15	MCWP-MW05			G	MW											1		
16	MCWP-MW06	9/24/15	1125	G	MW									7.6		1540		

Remarks: Multiple Chains	Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	RLP	9/24/15	1435	RLP	9/22/15	1540	RLP		
	Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
	JZ	9/24/15	1435	RLP	9/22/15	1540	RLP	9/22/15	1445

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4052:09/07/2015				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 GWM 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)																
Sampler(s): Peter Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: 1/1/15 Time: 11:00 Lab Number: SP 1510534525173				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)-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-NO3-N, TDS 16oz(P)																
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)	Special(SPL)	EPA 624	EPA 625	EPA 625 Pest	Radio Chemistry	EPA 608	Sampling Directive	Wet Chemistry	Wet Chemistry
0	Travel Blank			G	LBW															
1	SMBRP-9			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
2	MCWP-MW04S			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
3	MCWP-MW07S	9/22/15	1330	G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
4	SMBRP-12			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
5	MCWP-04D			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
6	MCWP-07D	9/22/15	1125	G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
7	MCWP-MW09			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
8	TY-MW-1			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
9	LAMW-5S			G	MW								2,1	1	1	1,1,1,1,2,2	1	X		
Remarks: Multiple Chains				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____																

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Sampler(s) Peter Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____ Lab Number: SP 151053A 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)	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,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Ti,Cr,III 250ml(P)-HNO3	Wet Chemistry-Cl 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)		
10	SMBRP-13			G	MW												1										
11	MCWP-MW10			G	MW												1										
12	CCPE			G	MW												1										
13	MBCM-W-9	9/22/15		G	MW												1										
14	WF-MW-2			G	MW												1										
15	MCWP-MW05			G	MW																						
16	MCWP-MW06	9/22/15		G	MW																						
Remarks: Multiple Chains				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By: <i>[Signature]</i>		Date: 9/22/15		Time: 1425		Received By: <i>[Signature]</i>		Date: 9/22/15		Time: 1540		Received By: <i>[Signature]</i>		Date: 9/22/15		Time: 1645		Received By: <i>[Signature]</i>		Date: 9/22/15		Time: 1645	

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Chain of Custody Annual (1)

				4057:09/07/2015				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 GWM - CECs 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 Contracted-PPCP-EPA 1694M Hormones: 17-b-Estradiol Pharma Positive:Caffeine, DEET, Sucralose Pharma Negative: Triclosan <i>Week</i> Order containers from Week 2x 1L Amber w/ Sodium Azide **Please include MDL Reporting** Other(AGT) Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 500ml(AGT) <i>Week</i>															
Sampler(s) Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____																					
Lab Number: SP 1510534 (7010) 2-25173																					
Samp Num	Location Description	Date Sampled	Time Sampled	G	MW																
1	SMBRP-9			G	MW																
2	MCWP-MW04S			G	MW																
3	MCWP-MW07S	9/22	1330	G	MW																
4	SMBRP-12			G	MW																
5	MCWP-04D			G	MW																
6	MCWP-07D	9/22	1125	G	MW																
7	MCWP-MW09			G	MW																
8	TY-MW-1			G	MW																
9	LAMW-5S			G	MW																
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	

4052:09/07/2015				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 GWM 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)				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			
Sampler(s) Peter				Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: 1/1/12 Time: 12:12				Lab Number: SP 1510539 2-25173				Samp Num				Location Description				Date Sampled				Time Sampled																															
0				Travel Blank																																																			
1				SMBRP-9																																																			
2				MCWP-MW04S																																																			
3				MCWP-MW07S				9/23/15 0830																																															
4				SMBRP-12																																																			
5				MCWP-04D																																																			
6				MCWP-07D																																																			
7				MCWP-MW09																																																			
8				TY-MW-1																																																			
9				LAMW-SS																																																			
Remarks: Multiple Chains				Relinquished By: <i>[Signature]</i> Date: 9/23/15 Time: 1515 Received By: <i>[Signature]</i> Date: 9/23/15 Time: 1400				Relinquished By: <i>[Signature]</i> Date: 9/23/15 Time: 1515 Received By: <i>[Signature]</i> Date: 9/23/15 Time: 1515				Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____																																											

Corporate Offices & Laboratory

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 Fax: (805) 783-2912

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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: Malibu WWTP - BL GWM Purchase Order Number: Quote Number: SP 20150526-01				4052:09/07/2015		TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information																		
Sampler(s) Peter				Method of Sampling: Composite(C) Grab(G)		Type of Sample	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,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr,III 250ml(P)-HNO3	Wet Chemistry-Cl Res.,N-Organic,Total N,Oil&Grease-1664,Total P,TSS,BOD,NH3-N 125ml(AGT), 16oz(P)-H2SO4, 32oz(AGT)-H2SO4, 16oz(P), 32oz(P)	Wet Chemistry-Color,Odor,Turbidity 500 ml(AGT)
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	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,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Cr,III 250ml(P)-HNO3	Wet Chemistry-Cl Res.,N-Organic,Total N,Oil&Grease-1664,Total P,TSS,BOD,NH3-N 125ml(AGT), 16oz(P)-H2SO4, 32oz(AGT)-H2SO4, 16oz(P), 32oz(P)	Wet Chemistry-Color,Odor,Turbidity 500 ml(AGT)	
0	Travel Blank			G	LBW							1	2	4										
1	SMBRP-9			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
2	MCWP-MW04S			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
3	MCWP-MW07S	9/23/15	0830	G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
4	SMBRP-12			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
5	MCWP-04D			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
6	MCWP-07D			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
7	MCWP-MW09			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
8	TY-MW-1			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	
9	LAMW-5S			G	MW							1	2	4	1	2				1,1	1	1,1,1,1,1	1	

Remarks: Multiple Chains	Relinquished Date: 9/23/15 Time: 1400 Received By: [Signature]	Relinquished Date: 9/23/15 Time: 1515 Received By: [Signature]	Relinquished Date: 9/23/15 Time: 1515 Received By: [Signature]

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4052:09/07/2015				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 GWM 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)															
Sampler(s) Peter Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: 1/1/15 Time: 10:10 Lab Number: SP 1510534 2-25173				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-NO3-N, TDS 16oz(P)															
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			G	LBW														
1	SMBRP-9			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
2	MCWP-MW04S			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
3	MCWP-MW07S	7/23/15	0830	G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
4	SMBRP-12			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
5	MCWP-04D			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
6	MCWP-07D			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
7	MCWP-MW09			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
8	TY-MW-1			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
9	LAMW-5S			G	MW						2,1	1	1	1,1,1,1,2,2	1	X			
Remarks: Multiple Chains				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:	
				[Signature]		9/23/15				[Signature]		9/23/15		1515					
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:	
				[Signature]		9/23/15		1400		[Signature]		9/23/15		1515					

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Subcontract to Weck 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: SP 1510539 - (2-25173) Purchase Order Number: Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____ Lab Number:				Method of Sampling: Composite(C) Grab(G) Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL) Sub 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** 8oz(P) Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(P)		Map Ref.															
Samp Num	Location Description	Date Sampled	Time Sampled	G	MW																
3	MCWP-MW07S	09/22/15	13:30	G	MW																
6	MCWP-07D	09/22/15	11:25	G	MW					1		1									
7	MCWP-MW07S	09/23/15	08:30	G	LBW					1											
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	

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: SP 1510539 - (2-25173) 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																		
0	Travel Blank	09/22/15	00:00	G	LBW					1											
3	MCWP-MW07S	09/22/15	13:30	G	MW					1											
6	MCWP-07D	09/22/15	11:25	G	MW					1											
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	

Subcontract to Vista Analytical Laboratory

				Map Ref.																	
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: SP 1510539 - (2-25173) 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)																	
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
3	MCWP-MW07S	09/22/15	13:30	G	MW																
6	MCWP-07D	09/22/15	11:25	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: 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: SP 1510539 - (2-25173) 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																		
3	MCWP-MW07S	09/22/15	13:30	G	MW					1											
6	MCWP-07D	09/22/15	11:25	G	MW					1											
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 / 17 / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? ☒ Yes ☐ No ☐ N/A
6. Verify sample date, time, sampler ☒ Yes ☐ No ☐ N/A
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No
8. Were sample custody seals intact? ☒ Yes ☐ No ☐ N/A

Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 09/23/2015-15:33:18

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 1510539
IV-09/23/2015-15:33:18

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 / 14 / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? Yes ☒ No ☐ N/A
6. Verify sample date, time, sampler ☒ Yes ☐ No ☐ N/A
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No
8. Were sample custody seals intact? ☒ Yes ☐ No ☐ N/A

Sample Verification, Labeling and Distribution:

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

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

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 09/23/2015-15:33:18

Discrepancy Documentation:

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

1. Person Contacted: Courier Phone Number: _____
Initiated By: Inez Covarrubias Date: 2015-09-22
Problem: **Bromate and Chlorite was not sampled for sample #3**

Resolution: **Client will sample and bring 5-23-15**
2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

(2025173)
Rincon Consultants, Inc.
SP 1510539
IV-09/23/2015-15:33:18

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 / 14 / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC?

Yes	No	N/A
6. Verify sample date, time, sampler

Yes	No	N/A
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.)

Yes	No	
8. Were sample custody seals intact?

Yes	No	N/A

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable?

Yes	No	
2. Did bottle labels correspond with the client's ID's?

Yes	No	
3. Were all bottles requiring sample preservation properly preserved?

Yes	No	N/A

 FGL
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace?

Yes	No	N/A
5. Were all analyses within holding times at time of receipt?

Yes	No	
6. Have rush or project due dates been checked and accepted?

Yes	No	N/A

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

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 09/23/2015-15:33:18

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 1510539
IV-09/23/2015-15:33:18

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

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

Description : N-001

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-10:45

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:11SJN
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	Ul	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	12/03/15-18:12SJN
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

Description : N-002

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-11:00

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:12SJN
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	12/03/15-18:13SJN
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

Description : N-003

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-12:25

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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
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 1513388-004

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : N-004

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-10:25

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	Ul	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
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 1513388-005

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-001

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-13:10

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:15SJN
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	12/03/15-18:18SJN
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 1513388-006

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-002

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-13:40

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:16SJN
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	12/03/15-18:19SJN
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

Description : L-003

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-13:20

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:17SJN
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	12/03/15-18:20SJN
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 1513388-008

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-004

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-11:30

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:18SJN
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	12/03/15-18:21SJN
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

Description : L-005

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-12:15

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:21SJN
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	12/03/15-18:22SJN
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 1513388-010

Customer ID : 2-25173

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : L-006

Project : Malibu WWTP - Surface Water Monitoring

Sampled On : December 1, 2015-11:50

Sampled By : Peter Shellenbarger

Received On : December 1, 2015-15:20

Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
Wet Chemistry ^{P:1}												
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	12/01/15-17:22SJN
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	12/03/15-18:23SJN
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	
			Dup	mg/L		0.49	0.5	
	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	<1	
			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)	MS	mg/L	2.000	169 %	70-130	435
			MSD	mg/L	2.000	164 %	70-130	435
			MSRPD	mg/L	2.000	3.0%	≤20	
		(CC 1583987-001)	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	
		(CH 1579513-001)	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	
		(SP 1513423-001)	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	
			CCB	mg/L		-0.189	0.2	
			CCV	mg/L	2.000	107 %	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	
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	12/01/15:217447SJN	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	

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								
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	mg/L	11.27	92.7 %	5-285	
			MSRPD	mg/L	11.27	1.7%	≤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	mg/L		0.077	0.1	
			CCV	mg/L	11.27	98.9 %	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	
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	mg/L		-0.475	0.5	
			CCV	mg/L	5.000	90.8 %	90-110	
Definition ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria. ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria. CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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

Definition	
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

				4053:12/07/2015		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 - SW Monitoring 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) Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3 Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N 16oz(P), 16oz(P)-H2SO4																			
Sampler(s): Peter Shellenbarger (Phone) Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____ Lab Number: SP 15183000 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)	Special(SPL)	Coliform-LTB-Series 15 Tube 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N 16oz(P), 16oz(P)-H2SO4									
1	N-001	12/1/15	1045	G	SW								1	1,1									
2	N-002		1100	G	SW								1	1,1									
3	N-003		1225	G	SW								1	1,1									
4	N-004		1025	G	SW								1	1,1									
5	L-001		1310	G	SW								1	1,1									
6	L-002		1340	G	SW								1	1,1									
7	L-003		1320	G	SW								1	1,1									
8	L-004		1130	G	SW								1	1,1									
9	L-005		1215	G	SW								1	1,1									
10	L-006		1150	G	SW								1	1,1									
Remarks: Ron/11°C				Relinquished Date: Time: Peter Shellenbarger 12/1/15 1520 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:	

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

Corporate Offices & Laboratory

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 Santa Paula, CA 93060
 TEL: (805)392-2000
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 FAX: (209)942-0423
 CA ELAP Certification No. 1563

Office & Laboratory

563 E. Lindo Avenue
 Chico, CA 95926
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 FAX: (530)343-3807
 CA ELAP Certification No. 2670

Office & Laboratory

3442 Empresa Drive, Suite D
 San Luis Obispo, CA 93201
 TEL: (805)783-2940
 FAX: (805)783-2912
 CA ELAP Certification No. 2775

Office & Laboratory

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

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

Corporate Offices & Laboratory

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



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.

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

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
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 specife 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: OPR					EPA Method 1613B			
Matrix: Aqueous		QC Batch: B5L0094			Lab Sample: B5L0094-BS1			
Sample Size: 1.00 L		Date Extracted: 21-Dec-2015 9:11			Date Analyzed: 24-Dec-15 07:35 Column: ZB-5MS Analyst: WJL			
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			
Client Data Name: FGL Environmental, Inc. Project: SP 1514026-(2-25173) Date Collected: 16-Dec-2015 9:55			Sample Data Matrix: Monitoring Well Sample Size: 1.01 L			Laboratory Data 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						LCL-UCL- Lower control limit - upper control limit			
EMPC - Estimated maximum possible concentration			RL - Reporting limit			Results reported to MDL.			

Sample ID: MCWP-MW09						EPA Method 1613B			
Client Data Name: FGL Environmental, Inc. Project: SP 1514026-(2-25173) Date Collected: 16-Dec-2015 8:50			Sample Data Matrix: Monitoring Well Sample Size: 1.02 L			Laboratory Data Lab Sample: 1501221-02 Date Received: 18-Dec-2015 14:46 QC Batch: B5L0094 Date Extracted: 21-Dec-2015 9:11 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						LCL-UCL- Lower control limit - upper control limit			
EMPC - Estimated maximum possible concentration			RL - Reporting limit			Results reported to MDL.			

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	Dilution
E	The associated compound concentration exceeded the calibration range of the instrument.
H	Recovery and/or RPD was outside laboratory acceptance limits.
I	Chemical Interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated detection limit
MDL	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.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that correspond to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
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**

1501221 6.6°C

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: SP 1514026 - (2-25173) Purchase Order Number:				Map Ref.																	
																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)					
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
2	SMBRP-12	12/16/15	09:55	G	MW																
3	MCWP-MW09	12/16/15	08:50	G	MW																
Remarks:				Relinquished 				Date: 12/16/15 Time: 17:30		Relinquished				Date: Time:		Relinquished				Date: Time:	
				Received By:				Date: 12/17/15 Time: 1021		Received By:				Date: Time:		Received By:				Date: Time:	

SAMPLE LOG-IN CHECKLIST



Vista Project #: 1501221 TAT 8/1d

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

		YES	NO	NA
Adequate Sample Volume Received? <u>1 liter each</u>		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?				✓
Shipping Documentation Present?		✓		
Airbill	Trk # <u>D10010871278458</u>	✓		
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 ₂ S ₂ O ₃ 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 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.
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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

Semivolatile Organic Compounds by EPA 525.2 - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5L22059 - EPA 525 Disk Extract										
Blank (5L22059-BLK1)				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		
LCS (5L22059-BS1)				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		
LCS Dup (5L22059-BSD1)				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		
Matrix Spike (5L22059-MS1)				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		
Matrix Spike Dup (5L22059-MSD1)				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

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

P 951 653 3351

F 951 653 1662

www.babcocklabs.com

e-Standard_No Alias.rpt

CA ELAP No. 2698

EPA no. CA00102

LACSD No., 10119



Received on Ice (Y/N): Yes Temp: 4 °C

Nicole Greenwood ESB
T: 4th

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

LAB.NO. 168288
CLIENT: Fruit Growers Laboratory, Inc.
DATE ANALYZED: 1/4/2016

[illegible]

INDIVIDUAL ANALYTICAL RESULTS

[illegible]

by the method.



Authorized Signature

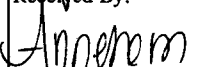

Analysts Signature

NA Not Applicable
ND None Detected
PC Polycarbonate
GO Grid Openings
MFL Million Fibers per Liter

321526396

Subcontract to
EMS Laboratories, Inc.

168288

				Map Ref.											
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: SP 1514026 - (2-25173) 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												
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:			
					12/16/15	17:30									
				Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:			
					12/17/15	12:48	Joel P.	12-17-15	12:48						

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:

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507	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	12/23/2015:218619 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. 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. 12/17/2015:218598 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. 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. 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.
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:

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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.

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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.

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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 CaCO ₃), 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.

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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.
4500ClG	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.

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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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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

Description : Travel Blank

Project : Malibu WWTP - Baseline GWM

Sampled On : December 16, 2015-00:00

Sampled By : Peter

Received On : December 16, 2015-12:45

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	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
EPA 524.2 VOA:13												
4-Bromofluorobenzene [‡]	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 [‡]	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
EPA 524.2 VOA:13												
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
EPA 524.2 VOA:13												
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

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 - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral	P:1'S											
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
General Mineral ^{P:15}												
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
Metals, Total ^{P:15}												
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
Wet Chemistry ^{AGT:1}												
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
Wet Chemistry AGT:1												
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
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	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
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	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	U	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
EPA 505 ^{VOA:1}												
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
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	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
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	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	U	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	U	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	U	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
EPA 515 AGT:1												
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
EPA 524.2 VOA:13												
4-Bromofluorobenzene [‡]	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 [‡]	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
EPA 524.2 VOA:13												
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
EPA 524.2 VOA:13												
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
EPA 531.1 AGT:18												
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
3-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
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	Ub	547	214647	12/17/15 14:50	547	218320-LC204	12/18/15-01:28SG
EPA 548.1 AGT:1												
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
EPA 549 AST:1												
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
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	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
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	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
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	110	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Fluorobenzene [‡]	91.5	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-10:42VRG
Pentafluorobenzene [‡]	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
EPA 624 VOA:13												
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
EPA 624 VOA:13												
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
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	74.2	15-91		%	0.9434		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
2-Fluorophenol [‡]	70.1	12-86		%	0.9434		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Nitrobenzene-d5 [‡]	68.8	9-95		%	0.9434		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
Phenol-d6 [‡]	69.1	7-77		%	0.9434		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-22:59SBL
p-Terphenyl-d14 [‡]	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 [‡]	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
EPA 625 AGT:1												
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
EPA 625 ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
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 [‡]	64.6	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-23:37SG
TOC ^{AVT:14}												
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
Radio Chemistry ^{P:1}											
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
General Mineral	P:1'S											
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
General Mineral ^{P:15}												
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
Metals, Total ^{P:15}												
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
Wet Chemistry ^{AGT:1}												
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
Wet Chemistry AGT:1												
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

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 - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	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
EPA 505 VOA:1												
Tetrachloro-m-xylene [‡]	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	U	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
EPA 505 ^{VOA:1}												
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
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	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
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	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	U	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	U	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	U	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
EPA 515 ^{AGT:1}												
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
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	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 [‡]	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
EPA 524.2 VOA:13												
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
EPA 524.2 VOA:13												
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
EPA 531.1 AGT:18												
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
3-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
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	Ub	547	214647	12/17/15 14:50	547	218320-LC204	12/18/15-01:53SG
EPA 548.1 AGT:1												
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
EPA 549 AST:1												
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
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	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
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	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
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	111	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Fluorobenzene [‡]	93.6	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-11:09VRG
Pentafluorobenzene [‡]	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
EPA 624 VOA:13												
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
EPA 624 VOA:13												
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
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	81.1	15-91		%	0.95694		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
2-Fluorophenol [‡]	63.1	12-86		%	0.95694		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Nitrobenzene-d5 [‡]	79.1	9-95		%	0.95694		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
Phenol-d6 [‡]	73.6	7-77		%	0.95694		625	214854	12/22/15 15:30	625	200567-GM213	01/13/16-23:51SBL
p-Terphenyl-d14 [‡]	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 [‡]	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
EPA 625 AGT:1												
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
EPA 625 ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
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 [‡]	74.5	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/24/15-00:20SG
TOC ^{AVT:14}												
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
Radio Chemistry ^{P:1}											
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
Organic 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	
			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	
			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	

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
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	

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
Organic								
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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.370 2.358 2.358	 ND 83.0 % 102 % 77.0 % 0.59	 <1 70-130 47-147 47-147 ≤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 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	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 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	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 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	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 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	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 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	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 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	
			LCS	ug/L	12.50	70.3 %	70-130	
		(VI 1544885-001)	MS MSD	ug/L ug/L	11.85 11.79	53.9 % 38.4 %	70-130 70-130	435 435

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
Organic								
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	
			LCS	ug/L	2.500	87.6 %	70-130	
		(VI 1544885-001)	MS	ug/L	2.370	98.0 %	45-154	
Metribuzin			MSD	ug/L	2.358	73.1 %	45-154	
			MSRPD	ug/L	2.358	0.60	≤1	
	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	
Molinate			LCS	ug/L	2.500	87.6 %	70-130	
		(VI 1544885-001)	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
	507	01/01/16:218953SG	CCV	ug/L	500.0	98.2 %	80-120	
Prometryne			CCV	ug/L	1000	113 %	80-120	
	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	118 %	70-130	
		(VI 1544885-001)	MS	ug/L	2.370	143 %	19-191	
			MSD	ug/L	2.358	103 %	19-191	
Propachlor			MSRPD	ug/L	2.358	0.98	≤2	
	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	
			LCS	ug/L	2.500	80.2 %	70-130	
Simazine			MS	ug/L	2.370	102 %	44-152	
		(VI 1544885-001)	MSD	ug/L	2.358	84.2 %	44-152	
			MSRPD	ug/L	2.358	0.43	≤2	
	507	01/01/16:218953SG	CCV	ug/L	500.0	109 %	80-120	
			CCV	ug/L	1000	112 %	80-120	
Thiobencarb	507	12/28/15:214978JOM/SL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	110 %	70-130	
		(VI 1544885-001)	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	
Triphenylphosphate	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	
			LCS	ug/L	2.500	112 %	70-130	
		(VI 1544885-001)	MS	ug/L	2.370	568 %	<¼	
2,4,5-T			MSD	ug/L	2.358	192 %	<¼	
			MSRPD	ug/L	2.358	22.7%	≤24.7	
	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	
Triphenylphosphate			LCS	ug/L	2.500	82.4 %	70-130	
		(VI 1544885-001)	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	
	507	01/01/16:218953SG	CCV	ug/L	2500	80.9 %	80-120	
2,4,5-T			CCV	ug/L	7501	82.3 %	80-120	
	515.3	12/23/15:218619SG	CCV	ug/L	80.00	107 %	70-130	
			CCV	ug/L	40.00	135 %	70-130	360

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
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	
	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	

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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	
	515.3	12/23/15:218619SG	MSRPD	ug/L	20.00	4.2%	≤30.0	
			CCV	ug/L	80.00	125 %	70-130	
Picloram	515.3	12/18/15:214738SG (SP 1513871-001)	CCV	ug/L	40.00	129 %	70-130	
			Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	80.4 %	70-130	
			MS	ug/L	4.000	84.4 %	70-130	
	515.3	12/23/15:218619SG	MSD	ug/L	4.000	89.0 %	70-130	
			MSRPD	ug/L	20.00	0.18	≤1	
1,1,1,2-Tetrachloroethane	524.2	12/16/15:214428VRG (CC 1584093-001)	CCV	ug/L	10.00	93.3 %	70-130	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	129 %	12-178	
			MS	ug/L	10.00	91.5 %	12-178	
	524.2	12/17/15:214893VRG (SP 1514065-001)	MSD	ug/L	10.00	33.9%	≤39	435
			MSRPD	ug/L	10.00			
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
			CCV	ug/L	40.00	79.6 %	70-130	
	524.2	12/17/15:218598VRG	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	
1,1,1-Trichloroethane(TCA)	524.2	12/16/15:214428VRG (CC 1584093-001)	CCV	ug/L	10.00	99.2 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	9-176	
			MSD	ug/L	10.00	101 %	9-176	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	24.9%	≤33	
			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	
1,1,2-Tetrachloroethane	524.2	12/16/15:214428VRG (CC 1584093-001)	CCV	ug/L	10.00	102 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	121 %	23-180	
			MSD	ug/L	10.00	99.7 %	23-180	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	19.3%	≤34	
			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	
1,1,2-Trichloroethane	524.2	12/16/15:214428VRG (CC 1584093-001)	CCV	ug/L	10.00	104 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	122 %	25-173	
			MSD	ug/L	10.00	96.9 %	25-173	
	524.2	12/16/15:218288VRG	MSRPD	ug/L	10.00	23.3%	≤29	360
			CCV	ug/L	10.00	133 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank	ug/L		ND	<0.5	435
			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	
			CCV	ug/L	10.00			

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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	

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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	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	68.4 %	2-192	
			MSD	ug/L	10.00	139 %	2-192	
			MSRPD	ug/L	10.00	68.1%	≤39	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130	
1,2-Dichlorobenzene	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	92.6 %	13-191	
			MSD	ug/L	10.00	147 %	13-191	
			MSRPD	ug/L	10.00	45.2%	≤35	435
	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	Blank	ug/L	10.00	97.9 %	70-130	
		(CC 1584093-001)	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	Blank	ug/L	10.00	100 %	70-130	
		(SP 1514065-001)	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	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	85.5 %	18-162	
			MSD	ug/L	10.00	130 %	18-162	
			MSRPD	ug/L	10.00	41.1%	≤33	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130	
1,2-Dichloropropane	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	86.2 %	10-163	
			MSD	ug/L	10.00	137 %	10-163	
			MSRPD	ug/L	10.00	45.5%	≤34	435
	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	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	81.1 %	0-210	
			MSD	ug/L	10.00	146 %	0-210	

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Organic								
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	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	97.5 %	70-130	
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	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	105 %	70-130	
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	435
	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	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	97.4 %	70-130	
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	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	96.4 %	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	
			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	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130	
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	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 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	Blank	ug/L	10.00	102 %	70-130	
		(SP 1514065-001)	MS	ug/L	10.00	104 %	70-130	
			MSD	ug/L	10.00	106 %	70-130	
4-Bromofluorobenzene (BFB)			MSRPD	ug/L	10.00	1.8%	≤30	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	97.8 %	70-130	
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130	
	524.2	12/16/15:214428VRG	Blank	ug/L	10.00	ND	<0.5	
		(CC 1584093-001)	MS	ug/L	10.00	130 %	11-177	
4-Chlorotoluene			MSD	ug/L	10.00	101 %	11-177	
			MSRPD	ug/L	10.00	25.2%	≤41	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	123 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	89.6 %	11-177	
			MSD	ug/L	10.00	146 %	11-177	
			MSRPD	ug/L	10.00	47.6%	≤41	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	70-130	
	524.2	12/16/15:214428VRG	Blank	ug/L	10.00	ND	<0.5	
		(CC 1584093-001)	MS	ug/L	10.00	118 %	12-158	
Benzene			MSD	ug/L	10.00	93.0 %	12-158	
			MSRPD	ug/L	10.00	23.7%	≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	119 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	
		(SP 1514065-001)	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	
	524.2	12/16/15:214428VRG	Blank	ug/L	10.00	ND	<0.5	
		(CC 1584093-001)	MS	ug/L	10.00	137 %	23-177	
Bromobenzene			MSD	ug/L	10.00	92.4 %	23-177	
			MSRPD	ug/L	10.00	39.2%	≤40	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	115 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	96.7 %	23-177	
			MSD	ug/L	10.00	148 %	23-177	
			MSRPD	ug/L	10.00	41.7%	≤40	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	98.4 %	70-130	
	524.2	12/16/15:214428VRG	Blank	ug/L	10.00	ND	<0.5	
		(CC 1584093-001)	MS	ug/L	10.00	122 %	4-186	
Bromochloromethane			MSD	ug/L	10.00	89.1 %	4-186	
			MSRPD	ug/L	10.00	31.0%	≤30	435
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L	10.00	ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	85.4 %	4-186	
			MSD	ug/L	10.00	136 %	4-186	
			MSRPD	ug/L	10.00	45.9%	≤30	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	98.1 %	70-130	
	524.2	12/16/15:214428VRG	Blank	ug/L	10.00	ND	<0.5	
		(CC 1584093-001)	MS	ug/L	10.00	118 %	11-164	
Bromodichloromethane			MSD	ug/L	10.00	93.6 %	11-164	
			MSRPD	ug/L	10.00	23.4%	≤34	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	119 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

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

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Quality Control - Organic

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Organic 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	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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 (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			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
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 (SP 1514065-001)	Blank	ug/L		ND	<0.5	
			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
Hexachlorobutadiene	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	158 %	14-200	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Hexachlorobutadiene	524.2	(CC 1584093-001)	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	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	97.8 %	14-200	
Isopropyl Ether			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	
	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<3	
		(CC 1584093-001)	MS	ug/L	10.00	130 %	8-165	
Isopropylbenzene			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	Blank	ug/L		ND	<3	
		(SP 1514065-001)	MS	ug/L	10.00	95.6 %	8-165	
Methyl tert-Butyl Ether			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	
	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	MS	ug/L	10.00	138 %	4-159	
Methyl tert-Butyl Ether (MTBE)			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	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	95.6 %	4-159	
Methylene Chloride			MSD	ug/L	10.00	160 %	4-159	
			MSRPD	ug/L	10.00	50.4%	≤37	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	70-130	
	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<1.0	
		(CC 1584093-001)	MS	ug/L	10.00	146 %	11-168	
Naphthalene			MSD	ug/L	10.00	115 %	11-168	
			MSRPD	ug/L	10.00	23.5%	≤29	
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	122 %	70-130	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	114 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
n-Butylbenzene			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	Blank	ug/L		ND	<0.5	
n-Butylbenzene			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	
	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
n-Butylbenzene			MS	ug/L	10.00	136 %	4-186	
			MSD	ug/L	10.00	103 %	4-186	
			MSRPD	ug/L	10.00	27.9%	≤37	

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Rincon Consultants, Inc.

Lab ID : SP 1514026
Customer : 2-25173

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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 90.4 % 145 % 46.5%	<0.5 4-186 4-186 ≤37	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	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 133 % 100 % 28.1%	<0.5 0-174 0-174 ≤37	
n-Propylbenzene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	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 89.4 % 151 % 51.5%	<0.5 0-174 0-174 ≤37	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	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 143 % 100 % 35.1%	<0.5 0-193 0-193 ≤40	
p-Isopropyltoluene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	120 %	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 91.5 % 151 % 49.1%	<0.5 0-193 0-193 ≤40	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	101 %	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 144 % 104 % 32.7%	<0.5 0-177 0-177 ≤40	
sec-Butylbenzene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	121 %	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 95.4 % 159 % 49.9%	<0.5 0-177 0-177 ≤40	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	102 %	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 121 % 87.4 % 32.3%	<0.5 0-198 0-198 ≤37	
Styrene	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	128 %	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 55.4 % 129 % 79.9%	<0.5 0-198 0-198 ≤37	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	85.1 %	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 % 122 % 1.4	<3 15-162 15-162 ≤3	
TAME	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 MS MSD	ug/L ug/L ug/L	10.00 10.00 10.00	ND 98.9 % 156 %	<3 15-162 15-162	

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 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 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 MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	144 %	9-179	
			MSRPD	ug/L	10.00	103 %	9-179	
						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 MS	ug/L	10.00	ND	<0.5	
MSD			ug/L	10.00	97.5 %	9-179		
			MSRPD	ug/L	10.00	161 %	9-179	
						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 MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	140 %	14-186	
			MSRPD	ug/L	10.00	90.4 %	14-186	
						43.3%	≤33	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	130 %	70-130	
	524.2	12/17/15:214893VRG (SP 1514065-001)	Blank MS	ug/L	10.00	ND	<0.5	
MSD			ug/L	10.00	95.1 %	14-186		
			MSRPD	ug/L	10.00	156 %	14-186	
						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 MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	126 %	3-174	
			MSRPD	ug/L	10.00	95.2 %	3-174	
						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 MS	ug/L	10.00	ND	<0.5	
MSD			ug/L	10.00	92.1 %	3-174		
			MSRPD	ug/L	10.00	147 %	3-174	
						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 MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	118 %	5-165	
			MSRPD	ug/L	10.00	81.4 %	5-165	
						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 MS	ug/L	10.00	ND	<0.5	
MSD			ug/L	10.00	86.8 %	5-165		
			MSRPD	ug/L	10.00	147 %	5-165	
						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 MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	126 %	0-169	
			MSRPD	ug/L	10.00	98.1 %	0-169	
						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 MS	ug/L	10.00	ND	<0.5	
MSD			ug/L	10.00	66.5 %	0-169		
			MSRPD	ug/L	10.00	105 %	0-169	
						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 MS	ug/L	10.00	ND	<0.5	
						128 %	11-167	

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Quality Control - Organic

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Organic Trichloroethylene (TCE)	524.2	(CC 1584093-001)	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	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	91.4 %	11-167	
			MSD	ug/L	10.00	149 %	11-167	
			MSRPD	ug/L	10.00	48.1%	≤35	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	95.6 %	70-130	
Trichlorofluoromethane F-11	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	192 %	70-130	360
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	205 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	89.7 %	0-183	
			MSD	ug/L	10.00	136 %	0-183	
			MSRPD	ug/L	10.00	41.1%	≤33	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	115 %	70-130	
Vinyl Chloride	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	103 %	0-208	
			MSD	ug/L	10.00	216 %	0-208	435
			MSRPD	ug/L	10.00	70.6%	≤40	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	173 %	30-130	360
Xylenes m,p	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	MS	ug/L	20.00	136 %	0-193	
			MSD	ug/L	20.00	99.4 %	0-193	
			MSRPD	ug/L	10.00	31.2%	≤37	
	524.2	12/16/15:218288VRG	CCV	ug/L	20.00	130 %	70-130	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	20.00	91.9 %	0-193	
			MSD	ug/L	20.00	155 %	0-193	
			MSRPD	ug/L	10.00	50.9%	≤37	435
	524.2	12/17/15:218598VRG	CCV	ug/L	20.00	105 %	70-130	
Xylenes o	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
		(CC 1584093-001)	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	
	524.2	12/17/15:214893VRG	Blank	ug/L		ND	<0.5	
		(SP 1514065-001)	MS	ug/L	10.00	94.7 %	0-188	
			MSD	ug/L	10.00	153 %	0-188	
			MSRPD	ug/L	10.00	47.0%	≤36	435
	524.2	12/17/15:218598VRG	CCV	ug/L	10.00	108 %	70-130	
3-Hydroxycarbofuran	531.1	12/21/15:214815SG	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	90.2 %	80-120	
			MS	ug/L	20.00	122 %	65-135	
		(SP 1513871-001)	MSD	ug/L	20.00	102 %	65-135	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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	
	531.1	12/22/15:218524SG	MSRPD	ug/L	20.00	4.1%	≤11.2	
			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	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	
	531.1	12/22/15:218524SG	MSRPD	ug/L	20.00	2.4	≤5	
			CCV CCV	ug/L ug/L	10.00 20.00	96.4 % 105 %	80-120 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	
	531.1	12/22/15:218524SG	MSRPD	ug/L	20.00	17.6%	≤53.1	
			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	ug/L	20.00	107 %	80-120	
			MS	ug/L	20.00	106 %	65-135	
			MSD	ug/L	20.00	120 %	65-135	
	531.1	12/22/15:218524SG	MSRPD	ug/L	20.00	2.7	≤5	
			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	
			MS	mg/L	40.00	63.7 %	75-125	435

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Lab ID : SP 1514026
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 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			CCV	ppm	15.00	83.8 %	67-122	
	547	12/17/15:214647SG	Blank	ug/L		3.2	20	
			LCS	ug/L	200.0	120 %	71-129	
		(VI 1544885-001)	MS	ug/L	200.0	136 %	56-139	
			MSD	ug/L	200.0	129 %	56-139	
Endothall			MSRPD	ug/L	200.0	5.1%	≤15	
	547	12/18/15:218320SG	CCV	ug/L	100.0	116 %	80-120	
			CCV	ug/L	200.0	113 %	80-120	
	548.1	01/04/16:200072SG	CCV	ug/L	2500	106 %	70-130	
			CCV	ug/L	1000	117 %	70-130	
Diquat Dibromide	548.1	12/21/15:214805SG	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	86.4 %	30-96	
		(SP 1514000-001)	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	
2,3-Dibromopropionic Acid	549	12/18/15:214727SG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	74.7 %	34-114	
		(VI 1544885-001)	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	
Dibromoacetic Acid	549.2	12/22/15:218612SG	CCV	ug/L	2000	94.9 %	80-120	
			CCV	ug/L	1000	95.9 %	80-120	
	552	12/18/15:214728SBL	Blank	ug/L	5.000	83.8 %	70-130	435
			LCS	ug/L	5.000	124 %	70-130	435
		(SP 1513888-001)	MS	ug/L	5.000	146 %	70-130	
Dichloroacetic Acid			MSD	ug/L	5.000	134 %	70-130	
			MSRPD	ug/L	5.000	8.6%	≤20.0	
	552	12/18/15:214728SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	90.6 %	70-130	
		(SP 1513888-001)	MS	ug/L	10.00	106 %	70-130	
Monobromoacetic Acid			MSD	ug/L	10.00	118 %	70-130	
			MSRPD	ug/L	5.000	6.0%	≤20.0	
	552	12/18/15:214728SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	98.0 %	70-130	
		(SP 1513888-001)	MS	ug/L	10.00	105 %	70-130	
Monochloroacetic Acid			MSD	ug/L	10.00	112 %	70-130	
			MSRPD	ug/L	5.000	7.4%	≤20.0	
	552	12/18/15:214728SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.9 %	70-130	
		(SP 1513888-001)	MS	ug/L	10.00	98.2 %	70-130	
Trichloroacetic Acid			MSD	ug/L	10.00	107 %	70-130	
			MSRPD	ug/L	5.000	8.5%	≤20.0	
	552	12/18/15:214728SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	106 %	70-130	

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Quality Control - Organic

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

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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	

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Quality Control - Organic

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Organic 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	
Acrolein	624	12/18/15:218636VRG (CC 1584155-001)	CCV	ug/L	40.00	172 %	20-367	
			Blank	ug/L	20.00	ND	<5	
			MS	ug/L	20.00	440 %	0-171	435
Acrylonitrile	624	12/18/15:214909VRG (CC 1584155-001)	MSD	ug/L	20.00	423 %	0-171	435
			MSRPD	ug/L	10.00	3.4%	≤50	
			CCV	ug/L	100.0	124 %	20-209	
Benzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	20.00	ND	<2	
			MS	ug/L	20.00	997 %	0-244	435
			MSD	ug/L	20.00	918 %	0-244	435
Bromodichloromethane	624	12/18/15:218636VRG (CC 1584155-001)	MSRPD	ug/L	10.00	8.2%	≤47	
			CCV	ug/L	100.0	217 %	20-278	
			Blank	ug/L	10.00	ND	<0.5	
Bromoform	624	12/18/15:214909VRG (CC 1584155-001)	MS	ug/L	10.00	117 %	65-155	
			MSD	ug/L	10.00	115 %	65-155	
			MSRPD	ug/L	10.00	1.3%	≤21	
Bromomethane (Methyl Bromide)	624	12/18/15:218636VRG (CC 1584155-001)	CCV	ug/L	10.00	101 %	64-136	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	83.6 %	62-150	
Carbon Disulfide	624	12/18/15:214909VRG (CC 1584155-001)	MSD	ug/L	10.00	80.3 %	62-150	
			MSRPD	ug/L	10.00	3.8%	≤22	
			CCV	ug/L	10.00	74.3 %	65-135	
Carbon Tetrachloride	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	167 %	64-150	435
			MSD	ug/L	10.00	157 %	64-150	435
Chlorobenzene	624	12/18/15:218636VRG (CC 1584155-001)	MSRPD	ug/L	10.00	6.3%	≤16	
			CCV	ug/L	10.00	115 %	71-129	
			Blank	ug/L	10.00	ND	<1.0	
Chloroethane (Ethyl Chloride)	624	12/18/15:214909VRG (CC 1584155-001)	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
			Blank	ug/L	40.00	ND	<5	
			MS	ug/L	40.00	248 %	0-230	435
	624	12/18/15:214909VRG	MSD	ug/L	40.00	242 %	0-230	435
			MSRPD	ug/L	10.00	2.4%	≤72	
			CCV	ug/L	40.00	145 %	20-242	
	624	12/18/15:218636VRG	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	151 %	69-206	
			MSD	ug/L	10.00	145 %	69-206	
	624	12/18/15:214909VRG	MSRPD	ug/L	10.00	3.7%	≤19	
			CCV	ug/L	10.00	119 %	73-127	
			Blank	ug/L	10.00	ND	<0.5	
	624	12/18/15:218636VRG	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	12/18/15:214909VRG	CCV	ug/L	10.00	74.8 %	66-134	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	237 %	53-214	435
	624	12/18/15:218636VRG	MSD	ug/L	10.00	229 %	53-214	435
			MSRPD	ug/L	10.00	3.6%	≤32	
			CCV	ug/L	10.00	211 %	38-162	360

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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	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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	
1,2-Dichlorobenzene	625	01/13/16:200567SBL	BSD	ug/L	20.00	54.4 %	21-90	
			BSRPD	ug/L	20.00	26.3%	≤53	
	625	12/22/15:214854JOM/DT	CCV	mg/L	20.00	113 %	80-120	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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	
1,3-Dichlorobenzene	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	13.2%	≤26	
			CCV	mg/L	20.00	110 %	80-120	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	47.4 %	22-86	
1,4-Dichlorobenzene	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	58.2 %	22-86	
			BSD	ug/L	20.00	43.2 %	22-86	
			BSRPD	ug/L	20.00	29.7%	≤56	
			CCV	mg/L	20.00	113 %	80-120	
2,4,5-Trichlorophenol	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	
			BSD	ug/L	20.00	45.1 %	23-83	
2,4,6-Tribromophenol	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	30.2%	≤57	
			CCV	mg/L	20.00	123 %	70-130	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	94.0 %	28-107	
2,4,6-Trichlorophenol	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	100 %	28-107	
			BSD	ug/L	20.00	92.1 %	28-107	
			BSRPD	ug/L	20.00	8.4%	≤25	
			CCV	mg/L	20.00	95.1 %	80-120	
2,4,6-Trichlorophenol	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	
			BSD	ug/L	20.00	93.1 %	29-109	
2,4-Dichlorophenol	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	10.8%	≤31	
			CCV	mg/L	20.00	120 %	80-120	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	90.7 %	26-105	
2,4-Dimethylphenol	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	96.3 %	26-105	
			BSD	ug/L	20.00	89.3 %	26-105	
			BSRPD	ug/L	20.00	7.5%	≤31	
			CCV	mg/L	20.00	116 %	80-120	
2,4-Dinitrophenol	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	
			BSD	ug/L	20.00	66.2 %	28-77	
2,4-Dinitrophenol	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	12.0%	≤39	
			CCV	mg/L	20.00	98.2 %	80-120	
2,4-Dinitrophenol	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	87.9 %	27-74	310

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Quality Control - Organic

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Organic								
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
	625	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
2,6-Dinitrotoluene	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	9.3%	≤23	
			CCV	mg/L	20.00	139 %	80-120	360
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	106 %	12-159	
			BS	ug/L	20.00	116 %	12-159	
2-Chlorophenol	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	104 %	12-159	
			BSRPD	ug/L	20.00	10.5%	≤20	
			CCV	mg/L	20.00	114 %	80-120	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	86.2 %	27-101	
2-Fluorobiphenyl	625	12/22/15:214854JOM/DT	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	
			CCV	mg/L	10.00	93.0 %	80-120	
			Blank	ug/L	10.00	73.6 %	15-91	
2-Fluorophenol	625	12/22/15:214854JOM/DT	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	
			CCV	mg/L	20.00	92.1 %	80-120	
2-Nitrophenol	625	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	
3,3-Dichlorobenzidine	625	12/22/15:214854JOM/DT	CCV	mg/L	20.00	133 %	80-120	360
			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	
4,6-Dinitro-2-methylphenol	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	9.4%	≤36	
			CCV	mg/L	20.00	111 %	80-120	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	111 %	0-106	310
			BS	ug/L	20.00	111 %	0-106	436
4,6-Dinitro-o-cresol	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	106 %	0-106	
			BSRPD	ug/L	20.00	4.3%	≤19	
			CCV	mg/L	20.00	103 %	80-120	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	94.2 %	31-89	310
4-Bromophenylphenylether	625	12/22/15:214854JOM/DT	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	
			CCV	mg/L	20.00	103 %	80-120	
			Blank	ug/L		ND	<1	
4-Bromophenylphenylether	625	12/22/15:214854JOM/DT	LCS	ug/L	20.00	90.4 %	37-94	

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Organic								
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	
	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			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	
Acenaphthene	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	8.3%	<45	
			CCV	mg/L	20.00	112 %	80-120	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	80.9 %	31-95	
			BS	ug/L	20.00	88.6 %	31-95	
Acenaphthylene	625	12/22/15:214854JOM/DT	BSD	ug/L	20.00	77.8 %	31-95	
			BSRPD	ug/L	20.00	13.0%	<38	
			CCV	mg/L	20.00	117 %	80-120	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.6 %	27-92	
Anthracene	625	12/22/15:214854JOM/DT	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	
			CCV	mg/L	20.00	116 %	80-120	
			Blank	ug/L		ND	<1	
Azobenzene	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	
			CCV	mg/L	20.00	104 %	80-120	
Benzidine	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	
			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	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			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	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			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	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			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	

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Organic								
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	
			BSD	ug/L	20.00	90.6 %	34-107	
			BSRPD	ug/L	20.00	0.8%	≤34	
bis(2-Chloroethoxy)methane	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	
			BSRPD	ug/L	20.00	10.4%	≤36	
bis(2-Chloroethyl)ether	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	
			BSD	ug/L	20.00	77.3 %	0-279	
			BSRPD	ug/L	20.00	9.9%	≤66	
bis(2-Chloroisopropyl)ether	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	
			BSRPD	ug/L	20.00	10.6%	≤40	
bis(2-Ethylhexyl)phthalate	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	
			BSD	ug/L	20.00	83.5 %	46-118	
			BSRPD	ug/L	20.00	0.6%	≤7	
Butylbenzylphthalate	625	01/13/16:200567SBL	CCV	mg/L	20.00	117 %	80-120	410
	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	
			BSD	ug/L	20.00	80.8 %	28-89	
			BSRPD	ug/L	20.00	16.0%	≤1	
Chloronaphthalene	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	
			BSD	ug/L	20.00	73.0 %	29-100	
			BSRPD	ug/L	20.00	17.0%	≤41	
Chlorophenylphenylether	625	01/13/16:200567SBL	CCV	mg/L	20.00	118 %	80-120	436
	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	
			BSD	ug/L	20.00	88.2 %	35-96	
			BSRPD	ug/L	20.00	10.2%	≤29	
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	

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Organic 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	436
	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	
			BSRPD	ug/L	20.00	0.85	≤1	
Di-n-butylphthalate	625	01/13/16:200567SBL	CCV	mg/L	20.00	114 %	80-120	410
	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	
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	436
	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	
			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	436
	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	
			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	

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Organic								
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	
			BSD	ug/L	20.00	11.7 %	2-60	
Hexachloroethane	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	0.31	≤1	
			CCV	mg/L	20.00	110 %	80-120	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	37.7 %	20-84	
Indeno(1,2,3-c,d)pyrene	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	46.4 %	20-84	
			BSD	ug/L	20.00	32.4 %	20-84	
			BSRPD	ug/L	20.00	35.6%	≤53	
			CCV	mg/L	20.00	118 %	80-120	
Isophorone	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	436
			LCS	ug/L	20.00	86.4 %	29-91	
			BS	ug/L	20.00	91.7 %	29-91	
			BSD	ug/L	20.00	83.3 %	29-91	
Naphthalene	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	9.6%	≤32	
			CCV	mg/L	20.00	113 %	80-120	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	72.2 %	29-98	
Nitrobenzene	625	12/22/15:214854JOM/DT	BS	ug/L	20.00	83.3 %	29-98	436
			BSD	ug/L	20.00	68.6 %	29-98	
			BSRPD	ug/L	20.00	19.4%	≤47	
			CCV	mg/L	20.00	112 %	80-120	
Nitrobenzene-d5	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	83.1 %	43-83	
			BS	ug/L	20.00	88.7 %	43-83	
			BSD	ug/L	20.00	81.8 %	43-83	
N-Nitrosodimethylamine	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	8.2%	≤49	436
			CCV	mg/L	10.00	91.4 %	80-120	
			Blank	ug/L	10.00	72.2 %	9-95	
			LCS	ug/L	10.00	75.2 %	9-95	
N-Nitrosodi-N-propylamine	625	12/22/15:214854JOM/DT	BS	ug/L	10.00	79.0 %	9-95	
			BSD	ug/L	10.00	71.9 %	9-95	
			BSRPD	ug/L	20.00	9.4%	≤47	
			CCV	mg/L	20.00	111 %	80-120	
N-Nitrosodi-N-propylamine	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<2	410
			LCS	ug/L	20.00	76.7 %	12-110	
			BS	ug/L	20.00	78.6 %	12-110	
			BSD	ug/L	20.00	71.8 %	12-110	
N-Nitrosodi-N-propylamine	625	12/22/15:214854JOM/DT	BSRPD	ug/L	20.00	8.9%	≤3	
			CCV	mg/L	20.00	111 %	80-120	
N-Nitrosodi-N-propylamine	625	12/22/15:214854JOM/DT	Blank	ug/L		ND	<1	
			CCV	mg/L	20.00	111 %	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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	<1	
			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	<2	
			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	<2	
			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	<1	
			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	<1	
			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 %	7-77	436
			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 %	37-100	
			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	<1	
			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	

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Organic								
Pyridine	625	12/22/15:214854JOM/DT	LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	41.4 % 55.4 % 44.1 % 2.3	0-52 0-52 0-52 ≤10	436
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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 39.4 % 54.1 % 14.1 % 117%	<0.005 0-131 4-108 4-108 ≤25	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 53.3 % 39.7 % 37.4 % 5.9%	<0.005 9-125 17-100 17-100 ≤25	
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 48.3 % 12.6 % 6.6 % 0.0059	<0.005 14-126 0-135 0-135 ≤0.005	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 51.6 % 63.7 % 0.0 % 200%	<0.005 13-125 16-123 16-123 ≤25	435 435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 68.9 % 11.0 % 32.4 % 0.021	<0.005 10-138 0-120 0-120 ≤0.005	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 59.7 % 28.6 % 31.0 % 8.0%	<0.005 0-122 0-112 0-112 ≤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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 64.1 % 22.3 % 0.0 % 0.022	<0.005 19-120 0-121 0-121 ≤0.005	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	ND 0.1000 0.1000 0.1000 0.1000	ND 58.4 % 36.6 % 97.9 % 91.3%	<0.005 18-129 0-154 0-154 ≤25	435

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Organic								
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	
			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	
			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	

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Quality Control - Organic

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Organic								
Lindane	625P	12/24/15:218831SG	CCV	ug/L	100.0	113 %	70-130	
Methoxychlor	625P	12/17/15:214645SG (VI 1544885-001)	Blank	ug/L		ND	<0.005	
			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 (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	12/24/15:218831SG	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 (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	
			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 (VI 1544885-001)	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	
			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 (VI 1544885-001)	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	
			MSRPD	ug/L	0.1000	0.0038	≤0.005	
	625P	12/24/15:218831SG	CCV	ug/L	100.0	90.1 %	70-130	

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

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Boron	200.7	(CC 1584113-003)	MS	mg/L	4.000	126 %	75-125	435
			MSD	mg/L	4.000	126 %	75-125	435
			MSRPD	mg/L	800.0	0.05%	≤20.0	
	200.7	12/28/15:218813AC	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	(CC 1584113-003)	MS	mg/L	12.00	-153 %	<¼	
			MSD	mg/L	12.00	-128 %	<¼	
			MSRPD	mg/L	800.0	4.2%	≤20.0	
	200.7	12/28/15:218813AC	CCV	ppm	25.00	94.9 %	90-110	
			CCB	ppm		-0.005	1	
			CCV	ppm	25.00	94.5 %	90-110	
			CCB	ppm		-0.008	1	
			CCV	ppm	25.00	97.6 %	90-110	
Copper	200.7	(CC 1584113-003)	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	
	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	
Iron	200.7	(CC 1584113-003)	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	
	200.7	12/28/15:218813AC	CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		-0.00006	0.03	
			CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.0001	0.03	
			CCV	ppm	5.000	104 %	90-110	
Magnesium	200.7	(CC 1584113-003)	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	
	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	
Manganese	200.7	(CC 1584113-003)	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	
	200.7	12/28/15:218813AC	CCV	ppm	1.000	98.4 %	90-110	
			CCB	ppm		0.00001	0.01	
			CCV	ppm	1.000	97.5 %	90-110	
			CCB	ppm		0.00008	0.01	
			CCV	ppm	1.000	101 %	90-110	
Potassium	200.7		CCB	ppm		0.00002	0.01	
			MS	mg/L	12.00	122 %	75-125	

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Metals								
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	
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	
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	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
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	

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Metals								
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 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 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 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 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 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 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 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 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	

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Metals								
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	
Wet Chem								
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	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	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	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	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	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	

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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	
		(VI 1544681-001)	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	
		(SP 1514075-001)	MSD	mg/L	5.000	96.4 %	87-120	
			MSRPD	mg/L	10.00	0.9%	≤16	
	300.0	12/17/15:218496MCA	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	Blank	mg/L		ND	<0.5	
			LCS	mg/L	20.00	97.0 %	90-110	
			MS	mg/L	40.00	95.5 %	85-119	
		(VI 1544681-001)	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	
		(SP 1514075-001)	MSD	mg/L	40.00	96.7 %	85-119	
			MSRPD	mg/L	10.00	1.6%	≤19	
	300.0	12/17/15:218496MCA	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	Blank	mg/L		ND	<0.5	
			LCS	mg/L	15.00	98.7 %	90-110	
			MS	mg/L	30.00	97.7 %	74-126	
		(VI 1544681-001)	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	
		(SP 1514075-001)	MSD	mg/L	30.00	97.6 %	74-126	
			MSRPD	mg/L	10.00	1.3%	≤20	
	300.0	12/17/15:218496MCA	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	Blank	mg/L		ND	<2.0	
			LCS	mg/L	50.00	97.3 %	90-110	
			MS	mg/L	100.0	96.2 %	82-124	
		(VI 1544681-001)	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	
		(SP 1514075-001)	MSD	mg/L	100.0	95.4 %	82-124	
			MSRPD	mg/L	10.00	0.9%	≤23	

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Wet Chem								
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	

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
Wet Chem								
Total Phosphorus	4500PE	12/18/15:218323SJN	CCV	mg/L	0.5000	89.5 %	90-110	
BOD	5210B	12/16/15:214596NMRP	RgBlk	mg/L	198.0	0.38	2	735
		(SP 1514043-002)	LCS	mg/L		91.9 %	84.6-115	
		(SP 1514043-002)	Dup	mg/L		1.4%	15.9	
		5210B	12/21/15:218498AMM	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	
			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	5.000	-0.051	0.5	
			CCV	mg/L		96.7 %	90-110	
			CCB	mg/L		0.136	0.5	
			CCV	mg/L		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 forth of the sample concentration.							
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.							
Explanation								
430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.							
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.							
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.							
735	: Dilution water exceeded DO uptake method criteria							

January 18, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514026
Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
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	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.								

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.

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 1694M Hormones: 17-b-Estradiol Pharma Positive: Caffeine, DEET, Sucralose Pharma 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

Client: FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Attention: Cindy Aguirre

Phone: (805) 392-2012

Fax: (805) 525-4172

Work Order(s): 5L17003

Report Date: 01/19/16 16:38

Received Date: 12/17/15 10:00

Turn Around: Normal

Client Project: SP 1514026-(2-25173)

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

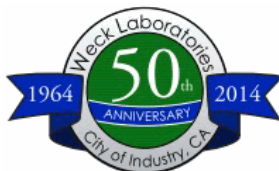
The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of 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

Sample ID	Sampled by:	Lab ID	Matrix	Date Sampled
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	
<i>Surr: Dichloroacetate</i>	108 %	Conc:538	90-115	%			
<i>Surr: Dichloroacetate</i>	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
Blank (W5L1317-BLK1)					Analyzed: 12/23/15 14:31						
Bromate	ND	0.63	5.0	ug/l							
Chlorite	ND	0.70	10	ug/l							
Surr: Dichloroacetate	500			ug/l	500		100	90-115			
Surr: Dichloroacetate	500			ug/l	500		100	90-115			
LCS (W5L1317-BS1)					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			
Surr: Dichloroacetate	485			ug/l	500		97	90-115			
Surr: Dichloroacetate	485			ug/l	500		97	90-115			
Matrix Spike (W5L1317-MS1)					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			
Surr: Dichloroacetate	500			ug/l	500		100	90-115			
Surr: Dichloroacetate	500			ug/l	500		100	90-115			
Matrix Spike (W5L1317-MS2)					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			
Surr: Dichloroacetate	469			ug/l	500		94	90-115			
Surr: Dichloroacetate	469			ug/l	500		94	90-115			
Matrix Spike Dup (W5L1317-MSD1)					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	
Surr: Dichloroacetate	473			ug/l	500		95	90-115			
Surr: Dichloroacetate	473			ug/l	500		95	90-115			
Matrix Spike Dup (W5L1317-MSD2)					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	
Surr: Dichloroacetate	504			ug/l	500		101	90-115			
Surr: Dichloroacetate	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
Blank (W5L1141-BLK1)					Analyzed: 12/23/15 10:17						
N-Nitrosodimethylamine	ND	0.50	2.0	ng/l							
LCS (W5L1141-BS1)					Analyzed: 12/23/15 10:44						
N-Nitrosodimethylamine	2.64	0.50	2.0	ng/l	3.00		88	50-150			
LCS Dup (W5L1141-BSD1)					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
Blank (W5L1634-BLK1)					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
LCS (W5L1634-BS1)					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			
LCS Dup (W5L1634-BSD1)					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
Blank (W5L1632-BLK1)					Analyzed: 01/13/16 20:42						
Salicylic Acid	18.7	0.86	50	ng/l							J
Triclosan	ND	1.2	2.0	ng/l							
LCS (W5L1632-BS1)					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			
LCS Dup (W5L1632-BSD1)					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
Blank (W5L1635-BLK1)					Analyzed: 01/06/16 23:46						
17-b-Estradiol	ND	0.31	1.0	ng/l							
LCS (W5L1635-BS1)					Analyzed: 01/07/16 00:03						
17-b-Estradiol	8.95	0.31	1.0	ng/l	10.0		90	65-146			
LCS Dup (W5L1635-BSD1)					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

J	Estimated conc. detected <MRL and >MDL.
A-01	The batch reporting limit was raised to 10 ppb due to low recovery of low level standard
ND	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reportable
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Sub	Subcontracted analysis, original report available upon request
MDL	Method Detection Limit
MDA	Minimum Detectable Activity
MRL	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:	3.9°C	Sample labels & COC agree	Yes	Sufficient holding time for all tests	Yes
All containers intact:	Yes	Samples preserved properly	Yes	Received on Ice	Yes
Custody Seals	No	Sample volume sufficient	Yes	Appropriate sample containers	Yes
Chain of custody completed	Yes				

Analysis	TAT	Expires	Comments
5L17003-01 SMBRP-12 [Water] Sampled 12/16/15 09:55 (GMT-08:00) Pacific Time (US &			
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	

5L17003-02 MCWP-MW09 [Water] Sampled 12/16/15 08:50 (GMT-08:00) Pacific Time (US &

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.

				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 11pH = 15 MINUTE HOLD TIME!! Field - pH Date Field - pH Time General Mineral 250ml(P)-HNO3 , 16oz(P) Metals, Total-Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Ti, 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 15140260(184) 2-25173																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Samp Num</th> <th>Location Description</th> <th>Date Sampled</th> <th>Time Sampled</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Travel Blank</td> <td>12/16/15</td> <td></td> </tr> <tr> <td>1</td> <td>SMBRP-09</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>SMBRP-12</td> <td>12/16/15</td> <td>0855</td> </tr> <tr> <td>3</td> <td>MCWP-MW09</td> <td>12/16/15</td> <td>0850</td> </tr> <tr> <td>4</td> <td>TY-MW-1</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>SMBRP-12</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>SMBRP-7B</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>MCWP-MW04S</td> <td></td> <td></td> </tr> </tbody> </table>								Samp Num	Location Description	Date Sampled	Time Sampled	0	Travel Blank	12/16/15		1	SMBRP-09			2	SMBRP-12	12/16/15	0855	3	MCWP-MW09	12/16/15	0850	4	TY-MW-1			5	SMBRP-12			6	SMBRP-7B			7	MCWP-MW04S		
Samp Num	Location Description	Date Sampled	Time Sampled																																								
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6	SMBRP-7B																																										
7	MCWP-MW04S																																										
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM R01/100				Relinquished Date: 12/16/15 Time: 1245 Pete Sullivan				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____																															

Ron/100

**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 15140260 (B21) 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	Wet Chemistry-NO3-N, NO2-N, N-Organic, Total P, NH3-N, TDS	Wet Chemistry-Cr (VI)
0	Travel Blank	12/16/15		G	LBW																	
1	SMBRP-09	12/16/15		G	MW										2,1	1	1	1,1,1,1,2,2	1	X		
2	SMBRP-12	12/16/15	0855	G	MW										2,1	1	1	1,1,1,1,2,2	1	X		
3	MCWP-MW09	12/16/15	0850	G	MW										2,1	1	1	1,1,1,1,2,2	1	X		
4	TY-MW-1	12/16/15		G	MW										2,1	1	1	1,1,1,1,2,2	1	X		
5	SMBRP-13	12/16/15		G	MW																1,1	
6	SMBRP-7B	12/16/15		G	MW																1,1	
7	MCWP-MW043	12/16/15		G	MW																	1
Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM Ron/10c				Relinquished Date: 12/16/15 Time: 1245 Received By: [Signature] 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

201/10°C

**853 Corporation Street
Santa Paula, CA 93060
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563 E. Lindo
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Phone: (530) 343-5818
Fax: (530) 343-3807

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

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

**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: SP 1514026 - (2-25173) Purchase Order Number: Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____				Map Ref.																							
				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																							
Lab Number:																											
Samp Num	Location Description	Date Sampled	Time Sampled	G	LBW																						
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:		Received By:			Date:		Time:				
				Nicole Parson			12/16/15		12:45																		

Subcontract to EMS 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: SP 1514026 - (2-25173) Purchase Order Number:				Map Ref.															
				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																
2	SMBRP-12	12/16/15	09:55	G	MW														
3	MCWP-MW09	12/16/15	08:50	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 Vista Analytical Laboratory

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: SP 1514026 - (2-25173) Purchase Order Number:				Map Ref.															
				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)															
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																			
Lab Number:																			
Samp Num	Location Description	Date Sampled	Time Sampled																
2	SMBRP-12	12/16/15	09:55	G	MW														
3	MCWP-MW09	12/16/15	08:50	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 Weck 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: SP 1514026 - (2-25173) Purchase Order Number:					Map Ref:																													
					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)																													
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																																		
Lab Number:																																		
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)	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)								
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

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

Corporate Offices & Laboratory

853 Corporation Street
 Santa Paula, CA 93060
 TEL: (805)392-2000
 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
 CA ELAP Certification No. 1573

Office & Laboratory

2500 Stagecoach Road
 Stockton, CA 95215
 TEL: (209)942-0182
 FAX: (209)942-0423
 CA ELAP Certification No. 1563

Office & Laboratory

563 E. Lindo Avenue
 Chico, CA 95926
 TEL: (530)343-5818
 FAX: (530)343-3807
 CA ELAP Certification No. 2670

Office & Laboratory

3442 Empressa Drive, Suite D
 San Luis Obispo, CA 93201
 TEL: (805)783-2940
 FAX: (805)783-2912
 CA ELAP Certification No. 2775

Office & Laboratory

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

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

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory

2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory

563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory

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Office & Laboratory

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Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810



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.

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

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
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-5SMS 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 specife 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: OPR					EPA Method 1613B			
Matrix: Aqueous		QC Batch: B5L0094			Lab Sample: B5L0094-BS1			
Sample Size: 1.00 L		Date Extracted: 21-Dec-2015 9:11			Date Analyzed: 24-Dec-15 07:35 Column: ZB-5MS Analyst: WJL			
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			
Client Data Name: FGL Environmental, Inc. Project: SP 1514000-(2-25173) Date Collected: 15-Dec-2015 7:45			Sample Data Matrix: Monitoring Well Sample Size: 1.03 L			Laboratory Data 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			
Client Data Name: FGL Environmental, Inc. Project: SP 1514000-(2-25173) Date Collected: 15-Dec-2015 11:00			Sample Data Matrix: Monitoring Well Sample Size: 1.01 L			Laboratory Data 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						LCL-UCL- Lower control limit - upper control limit			
EMPC - Estimated maximum possible concentration			RL - Reporting limit			Results reported to MDL.			

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	Dilution
E	The associated compound concentration exceeded the calibration range of the instrument.
H	Recovery and/or RPD was outside laboratory acceptance limits.
I	Chemical Interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated detection limit
MDL	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.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that correspond to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2014022
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: 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: SP 1514000 - (2-25173) 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) 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:						
				<i>[Signature]</i>	12/16/15	17:30												
				<i>[Signature]</i>	12/15/15	1020												

SAMPLE LOG-IN CHECKLIST



Vista Project #:

1501220

TAT

21d

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

		YES	NO	NA
Adequate Sample Volume Received?		✓		
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 ₂ S ₂ O ₃ Preservation Documented?	COC	Sample Container	None	
Shipping Container	Vista	Client	Retain	Return
				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

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
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CA ELAP Certification No. 1563

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Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
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TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810



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	



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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	



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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
Batch 5L22059 - EPA 525 Disk Extract										
Blank (5L22059-BLK1)				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		
LCS (5L22059-BS1)				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		
LCS Dup (5L22059-BSD1)				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		
Matrix Spike (5L22059-MS1)				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		
Matrix Spike Dup (5L22059-MSD1)				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

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

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

e-Standard_No Alias.rpt
CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119



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

Work Order Number: B5L1834

Subcontract to
Babcock Laboratories, Inc.

mailing
P.O. Box 432
Eureka, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

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 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

**Subcontract to
EMS Laboratories, Inc.**

168273

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: SP 1514000 - (2-25173) Purchase Order Number:				Map Ref.																	
				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: 3°C				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
						12/15/15		17:30													
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	
				Amenem		12/16/15		1303		Joelp.		12-16-15		1303							

TEM ASBESTOS ANALYSIS

Client FGL
Sample No. 1

EMS Lab No. 168273
Page of

RECEIVING

TYPE OF SAMPLE

Air ☐ Water ☒
Soil ☐ Bulk ☐
Other

METHOD OF ANALYSIS

EPA 600/4-83-043 ☐ ISO ☐

LEVEL OF ANALYSIS

Chrysotile CD, CDS
Amphibole AD, ASD

ASPECT RATIO

3:1 ☒ 5:1 ☐

EPA/600/R-94/134 100.1 ☐ 100.2 ☒

LENGTHS

All Sizes (EPA) ☐
(μm) ≥ 0.5 ☐
 ≥ 1.0 ☐
 ≥ 5.0 ☐
 ≥ 10.0 ☒
PCM Range* ☐
*(≥ 0.25 μm width
 ≥ 5.0 μm length)

FILTER TYPE / AREA (mm $\pm$)

MCE ☐ 385 ☐
PC ☒ 314 ☐
MCN ☐ 1017 ☒
Other

PORE SIZE

0.45 μm ☐ 0.8 μm ☐
0.1 μm ☒ 0.22 μm ☐
Other

G.O. Area (mm ^{2}) 0.0 110
No. of G.O. to Analyze 10

DIRECT PREP ☐

INDIRECT PREP ☐

12-16-15
SON: 1345-1400
FILT:

Volume liters
Working Volume 1 ml
Weight grams
Ashed Area %

Prepared By Jap
Date 12-17-15

MICROSCOPE

H600A - Serial No. 542-36-01 ☐
H600B - Serial No. 542-05-06 ☐

ENERGY DISPERSIVE X-RAY SYSTEM

Thermo 4405C-3NUT

Grid Address: ABU
Screen Magnification: 9600 X
Camera Constant: 26.7
Accelerating Voltage: 100KV
Beam Current: 10 μA
K-Factor: 1.2
Analyst Jim Date 12-24-15

ANALYSIS

Grid	Grid Opening	Structure Number	Structure	Dimensions (mm)		Fiber Classification														EDS Analysis					Comments
				Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	
A	E43	ND																							
	E64																								
	E44																								
	E41																								
B	E46																								
	E44																								
	E46																								
C	E43																								
	E53																								
																</									

OBSERVATIONS:

Clean ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☒ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

RECEIVING

TYPE OF SAMPLE

Air ☐ Water ☒
Soil ☐ Bulk ☐
Other _____

METHOD OF ANALYSIS

EPA 600/4-83-043 ☐ ISO ☐

LEVEL OF ANALYSIS

Chrysotile CD-CDQ
Amphibole AD-ADQ

ASPECT RATIO

3:1 ☒ 5:1 ☐

EPA/600/R-94/134 100.1 ☐ 100.2 ☒

LENGTHS

All Sizes (EPA) ☐
(μm) ≥ 0.5 ☐
 ≥ 1.0 ☐
 ≥ 5.0 ☐
 ≥ 10.0 ☒
PCM Range* ☐
*(≥ 0.25 μm width
 ≥ 5.0 μm length)

FILTER TYPE / AREA (mm^2)

MCE ☐ 385 ☐
PC ☒ 314 ☐
MCN ☐ 1017 ☒
Other _____

PORE SIZE

0.45 μm ☐ 0.8 μm ☐
0.1 μm ☒ 0.22 μm ☐
Other _____

G.O. Area (mm^2) 0.0 10

No. of G.O. to Analyze 10

Client FGL

Sample No. 4

DIRECT PREP ☐

INDIRECT PREP ☐

12-16-15

CON: 1345-1400

FILT: _____

Volume _____ liters

Working Volume 1 ml

Weight _____ grams

Ashed Area _____ %

Prepared By Jap

Date 12-17-15

PREP

ANALYSIS

MICROSCOPE

H600A - Serial No. 542-36-01 ☐

H600B - Serial No. 542-05-06 ☐

ENERGY DISPERSIVE X-RAY SYSTEM

Thermo 4405C-3NUT

Grid Address: ABC

Screen Magnification: 6600 X

Camera Constant: 29.9

Accelerating Voltage: 100KV

Beam Current: 10 μA

K-Factor: _____

Analyst Japone Date 12-24-15

Grid	Grid Opening	Structure Number	Structure	Dimensions (mm)		Fiber Classification														EDS Analysis					Comments
				Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	
A	249	ND																							
	250																								
	251																								
	252																								
B	253																								
	254																								
	255																								
	256																								
C	257																								
	258																								
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	297																								
	298																								
	299																								
	300																								

OBSERVATIONS:

Clean ☐
Debris: ☒
Gypsum: ☐
Condition of the Grid: ☒

Very Light ☐
Very Light ☐
Good ☐

Light ☐
Light ☐
Scrappy ☐

Moderate ☒
Moderate ☐
Undissolved Filter ☐

Heavy ☐
Heavy ☐
Folded ☐

Very Heavy ☐
Very Heavy ☐

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.

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
 Customer : 2-25173

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.

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
 Customer : 2-25173

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 (Ethyl Chloride): 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:

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
 Customer : 2-25173

Organic QC

625	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. 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. The following note applies to 3,3-Dichlorobenzidine: 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. 12/17/2015:214645 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	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	01/06/2016:218744 All analysis quality controls are within established criteria. 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	12/21/2015:218552 All analysis quality controls are within established criteria. 12/22/2015:218552 All analysis quality controls are within established criteria. 12/21/2015:214760 All preparation quality controls are within established criteria.
908.0	12/24/2015:218750 All analysis quality controls are within established criteria.

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
 Customer : 2-25173

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 ₃), 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.

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
 Customer : 2-25173

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.

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
Customer : 2-25173

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

Description : Travel Blank

Project : Malibu WWTP - Baseline GWM

Sampled On : December 15, 2015-00:00

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	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
DQF Flags Definition: 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

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 - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
General Mineral	P:15											
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
General Mineral ^{P:15}												
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
Metals, Total ^{P:15}												
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
Wet Chemistry ^{AGT:1}												
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
Wet Chemistry ^{AGT:1}												
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	12/21/15-18:17SJN
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

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

Lab ID : SP 1514000-001

Customer ID : 2-25173

Sampled On : December 15, 2015-08:50

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 ^{VOA:1}												
1,3-Dibromopropane [‡]	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
EPA 505 ^{VOA:1}												
Tetrachloro-m-xylene [‡]	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	U	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
EPA 505 ^{VOA:1}												
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
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	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
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	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	U	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	U	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	U	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
EPA 515 ^{AGT:1}												
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
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	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 [‡]	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
EPA 524.2 VOA:13												
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
EPA 524.2 VOA:13												
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
EPA 531.1 AGT:18												
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
3-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
EPA 547 AGT:1												
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
EPA 548.1 AGT:1												
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
EPA 549 AST:1												
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
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	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
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	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
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	112	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Fluorobenzene [‡]	93.1	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-08:25VRG
Pentafluorobenzene [‡]	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
EPA 624 VOA:13												
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
EPA 624 VOA:13												
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
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	75.0	15-91		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
2-Fluorophenol [‡]	67.7	12-86		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Nitrobenzene-d5 [‡]	76.3	9-95		%	0.93897		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-19:55SBL
Phenol-d6 [‡]	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 [‡]	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 [‡]	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
EPA 625 AGT:1												
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
EPA 625 ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
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 [‡]	60.8	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:02SG
TOC ^{AVT:14}												
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
Radio Chemistry ^{P:1}											
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

Description : TY-MW-1

Project : Malibu WWTP - Baseline GWM

Sampled On : December 15, 2015-11:00

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
General Mineral	P:15											
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	l	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	l	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
General Mineral ^{P:15}												
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
Metals, Total ^{P:15}												
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
Wet Chemistry ^{AGT:1}												
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
Wet Chemistry AGT:1												
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	12/21/15-18:18SJN
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

Rincon Consultants, Inc.

Malibu Civic Center WWTP

Attn: Torin Snyder

180 N. Ashwood Ave.

Ventura, CA 93003

Description : TY-MW-1

Project : Malibu WWTP - Baseline GWM

Lab ID : SP 1514000-004

Customer ID : 2-25173

Sampled On : December 15, 2015-11:00

Sampled By : Peter

Received On : December 15, 2015-15:30

Matrix : Monitoring Well

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 504.1 VOA:1												
1,3-Dibromopropane [‡]	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
EPA 505 VOA:1												
Tetrachloro-m-xylene [‡]	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	U	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
EPA 505 ^{VOA:1}												
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
EPA 507 ^{AGT:1}												
Triphenylphosphate [‡]	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
EPA 515 ^{AGT:1}												
2,4-DCAA [‡]	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	U	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	U	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	U	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
EPA 515 ^{AGT:1}												
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
EPA 524.2 ^{VOA:13}												
4-Bromofluorobenzene [‡]	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 [‡]	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
EPA 524.2 VOA:13												
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
EPA 524.2 VOA:13												
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
EPA 531.1 AGT:18												
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
3-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
EPA 547 AGT:1												
Glyphosate	ND	20	0.97	ug/L	1	U	547	214550	12/15/15 16:35	547	218177-LC204	12/16/15-01:26SG
EPA 548.1 AGT:1												
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
EPA 549 AST:1												
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
EPA 552.2 AGT:112												
2,3-Dibromopropionic Acid [‡]	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
EPA 608 AGT:1												
Tetrachloro-m-xylene [‡]	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
EPA 624 VOA:13												
4-Bromofluorobenzene [‡]	108	70-161		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Fluorobenzene [‡]	91.9	72-139		%	1	f	624	214909	12/18/15 04:00	624	218636-GM214	12/18/15-09:20VRG
Pentafluorobenzene [‡]	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
EPA 624 VOA:13												
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
EPA 624 VOA:13												
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
EPA 625 AGT:1												
2-Fluorobiphenyl [‡]	75.8	15-91		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
2-Fluorophenol [‡]	71.2	12-86		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Nitrobenzene-d5 [‡]	77.4	9-95		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
Phenol-d6 [‡]	72.5	7-77		%	0.9434		625	214555	12/15/15 18:00	625	218835-GM213	12/23/15-20:47SBL
p-Terphenyl-d14 [‡]	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 [‡]	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
EPA 625 AGT:1												
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
EPA 625 ^{AGT:1}												
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
EPA 625 Pest ^{AGT:1}												
Aldrin	ND	5	0.91	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Alpha BHC	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Beta BHC	ND	5	1.5	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Delta BHC	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
alpha-Chlordane	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
gamma-Chlordane	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
p,p'-DDD	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
p,p'-DDE	ND	5	1.3	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
p,p'-DDT	ND	5	4.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Dieldrin	ND	5	1.5	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Endosulfan I	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Endosulfan II	ND	5	2.1	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Endosulfan Sulfate	ND	5	1.2	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Endrin	ND	5	1.3	ng/L	1	UI	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Endrin Aldehyde	ND	5	1.9	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Endrin Ketone	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
Heptachlor	ND	5	1.8	ng/L	1	U	625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG

Sample Result - Organic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation			Sample Analysis		
							Method	ID	Time	Method	ID	Time
EPA 625 Pest ^{AGT:1}												
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 [‡]	64.4	26-90		%	1		625P	214645	12/17/15 13:24	625P	218831-GM210	12/23/15-20:45SG
TOC ^{AVT:14}												
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

Description : TY-MW-1

Project : Malibu WWTP - Baseline GWM

Sampled On : December 15, 2015-11:00

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
Radio Chemistry ^{P:1}											
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
Wet Chemistry P:1												
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	12/21/15-18:19SJN
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
Wet Chemistry P:1												
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	12/21/15-18:20SJN
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

Lab ID : SP 1514000-007

Customer ID : 2-25173

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

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
Wet Chemistry P:1'16												
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
DQF Flags Definition:												
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
Organic								
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	
			QMDL	ug/L	0.02064	99.7 %	60-140	
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	
			QMDL	ug/L	0.6101	106 %	70-130	
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	
			QMDL	ug/L	0.02064	94.1 %	60-140	
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	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	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	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	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	

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
Organic								
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	
Heptachlor Epoxide	505	12/18/15:218312SBL (SP 1513908-001)	MSRPD	ug/L	1.176	6.3%	≤11.9	
			CCV	ug/L	10.00	120 %	70-130	
			CCV	ug/L	10.00	104 %	70-130	
			Blank	ug/L		ND	<0.01	
Hexachlorobenzene	505	12/17/15:214638SBL (SP 1513908-001)	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
Hexachlorocyclopentadiene	505	12/18/15:218312SBL (SP 1513908-001)	CCV	ug/L	10.00	91.6 %	70-130	
			CCV	ug/L	10.00	76.7 %	70-130	
			Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5858	117 %	82-129	
Lindane	505	12/17/15:214638SBL (SP 1513908-001)	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	
			CCV	ug/L	10.00	120 %	70-130	
Methoxychlor	505	12/18/15:218312SBL (SP 1513908-001)	CCV	ug/L	10.00	106 %	70-130	
			Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5858	112 %	56-175	
			MS	ug/L	0.5857	98.0 %	50-190	
PCB 1016/1242 - 1	505	12/17/15:214638SBL (SP 1513908-001)	MSD	ug/L	0.5874	97.8 %	50-190	
			MSRPD	ug/L	1.176	0.1%	≤16.7	
			CCV	ug/L	10.00	110 %	70-130	
			CCV	ug/L	10.00	94.2 %	70-130	
PCB 1221 - 1	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	
PCB 1232 - 1	505	12/18/15:218312SBL (SP 1513908-001)	MSRPD	ug/L	1.176	6.0%	≤4.98	435
			CCV	ug/L	10.00	114 %	70-130	
			CCV	ug/L	10.00	96.9 %	70-130	
			Blank	ug/L		ND	<0.1	
PCB 1242	505	12/17/15:214638SBL (SP 1513908-001)	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
PCB 1248 - 1	505	12/18/15:218312SBL (SP 1513908-001)	CCV	ug/L	50.00	97.0 %	70-130	
			CCV	ug/L	50.00	71.6 %	70-130	
			Blank	ug/L		ND	<0.5	
			Blank	ug/L		ND	<0.5	
PCB 1254 - 1	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.5	
			Blank	ug/L		ND	<0.5	
			Blank	ug/L		ND	<0.5	
			Blank	ug/L		ND	<0.5	
PCB 1260 - 1	505	12/17/15:214638SBL (SP 1513908-001)	Blank	ug/L		ND	<0.5	
			Blank	ug/L		ND	<0.5	
			Blank	ug/L		ND	<0.5	
			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	

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
Organic 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	ND 83.0 % 102 % 77.0 % 0.59	<1 70-130 47-147 47-147 ≤1	
	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	
	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
	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	
	507	12/28/15:214978JOM/SL	Blank	ug/L	12.50	73.6 %	70-130	
	507	12/28/15:214978JOM/SL	Blank	ug/L	12.50	73.6 %	70-130	

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
Organic 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	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	
			CCV	ug/L	1000	110 %	80-120	
Molinate	507	12/28/15:214978JOM/SL (VI 1544885-001)	CCV	ug/L	500.0	94.6 %	80-120	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	87.6 %	70-130	
			MS	ug/L	2.370	101 %	30-169	
Prometryne	507	01/01/16:218953SG	MSD	ug/L	2.358	70.0 %	30-169	
			MSRPD	ug/L	2.358	0.74	≤0.5	435
			CCV	ug/L	1000	81.4 %	80-120	
			CCV	ug/L	500.0	98.2 %	80-120	
Propachlor	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	118 %	70-130	
			MS	ug/L	2.370	143 %	19-191	
			MSD	ug/L	2.358	103 %	19-191	
Simazine	507	01/01/16:218953SG	MSRPD	ug/L	2.358	0.98	≤2	
			CCV	ug/L	1000	105 %	80-120	
			CCV	ug/L	500.0	93.1 %	80-120	
			Blank	ug/L		ND	<2	
Thiobencarb	507	12/28/15:214978JOM/SL (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	
Triphenylphosphate	507	01/01/16:218953SG	CCV	ug/L	1000	97.1 %	80-120	
			CCV	ug/L	500.0	109 %	80-120	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	110 %	70-130	
Triphenylphosphate	507	12/28/15:214978JOM/SL (VI 1544885-001)	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	
			CCV	ug/L	1000	111 %	80-120	
Triphenylphosphate	507	01/01/16:218953SG	CCV	ug/L	500.0	102 %	80-120	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	112 %	70-130	
			MS	ug/L	2.370	568 %	<¼	
Triphenylphosphate	507	12/28/15:214978JOM/SL (VI 1544885-001)	MSD	ug/L	2.358	192 %	<¼	
			MSRPD	ug/L	2.358	22.7%	≤24.7	
			CCV	ug/L	1000	101 %	80-120	
			CCV	ug/L	500.0	94.6 %	80-120	
Triphenylphosphate	507	12/28/15:214978JOM/SL (VI 1544885-001)	Blank	ug/L		ND	<1	
			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	
Triphenylphosphate	507	01/01/16:218953SG	MSRPD	ug/L	2.358	0.67	≤1	
			CCV	ug/L	7501	114 %	80-120	
			CCV	ug/L				
			CCV	ug/L				

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Organic								
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 (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	12/22/15:218619SG	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 (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	12/22/15:218619SG	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 (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	12/22/15:218619SG	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 (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	12/22/15:218619SG	CCV	ug/L	160.0	118 %	70-130	
			CCV	ug/L	80.00	114 %	70-130	
Dalapon	515.3	12/18/15:214738SG (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	12/22/15:218619SG	CCV	ug/L	1040	90.3 %	70-130	
			CCV	ug/L	520.0	106 %	70-130	
Dicamba	515.3	12/18/15:214738SG (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	12/22/15:218619SG	CCV	ug/L	80.00	127 %	70-130	
			CCV	ug/L	40.00	124 %	70-130	
Dinoseb	515.3	12/18/15:214738SG (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	

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Organic								
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	ug/L	4.000	127 %	70-130	
			MS	ug/L	4.000	125 %	70-130	
			MSD	ug/L	4.000	131 %	70-130	
	515.3	12/22/15:218619SG	MSRPD	ug/L	20.00	4.2%	≤30.0	
			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	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	
	515.3	12/22/15:218619SG	MSRPD	ug/L	20.00	0.18	≤1	
			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	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	
			CCV	ug/L	40.00			
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	
			CCV	ug/L	10.00			
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	
			CCV	ug/L	10.00			
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	360
			CCV	ug/L	10.00			
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	
			CCV	ug/L	10.00			
1,1-Dichloroethylene	524.2	12/16/15:214428VRG (CC 1584093-001)	Blank	ug/L		ND	<0.5	435
			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	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	99.3 %	70-130	
			CCV	ug/L	10.00			
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	
			CCV	ug/L	10.00			
1,2,3-Trichlorobenzene	524.2	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	147 %	14-181	

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Organic								
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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	146 %	10-180	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	123 %	2-192	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	134 %	13-191	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L	10.00	97.9 %	70-130	
			MS	ug/L	10.00	112 %	70-130	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	18-162	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	10-163	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	131 %	0-210	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	138 %	17-182	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	0-178	
		(CC 1584093-001)	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	12/16/15:214428VRG	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	141 %	19-183	
		(CC 1584093-001)	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	

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

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Chlorobenzene	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 % 96.3 % 33.3%	<0.5 14-175 14-175 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 125 % 95.2 % 27.1%	<0.5 0-184 0-184 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 114 % 91.3 % 22.0%	<0.5 15-163 15-163 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 129 % 99.4 % 25.9%	<0.5 0-224 0-224 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 120 % 91.0 % 27.2%	<0.5 16-172 16-172 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 129 % 103 % 22.1%	<0.5 5-158 5-158 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 160 % 116 % 32.4%	<0.5 1-180 1-180 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 115 % 88.8 % 25.7%	<0.5 11-168 11-168 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 94.9 % 64.6 % 38.1%	<0.5 0-334 0-334 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 119 % 85.7 % 32.9%	<0.5 20-157 20-157 ≤36	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	142 %	70-130	360
Ethyl tert-Butyl Ether	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 137 % 117 % 1.9	<3 11-165 11-165 ≤3	
	524.2	12/16/15:218288VRG	CCV	ug/L	10.00	142 %	70-130	360

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Quality Control - Organic

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

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Organic								
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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Organic 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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	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	
3-Hydroxycarbofuran	531.1	12/21/15:214815SG (SP 1513871-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	ND 90.2 % 122 % 102 % 17.6%	<3 80-120 65-135 65-135 ≤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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	ND 101 % 95.8 % 99.8 % 4.1%	<3 80-120 65-135 65-135 ≤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 Blank LCS LCS MS MS MSD MSD MSRPD MSRPD	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	ND ND 95.2 % 89.2 % 116 % 109 % 96.7 % 101 % 18.1% 7.8%	<3 <2 80-120 80-120 65-135 65-135 65-135 65-135 ≤7.28 ≤13.8	435
Aldicarb Sulfoxide	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	95.2 % 86.4 %	80-120 80-120	
Carbaryl	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	91.2 % 91.0 %	80-120 80-120	
Carbaryl/Naphthol	531.1	12/21/15:214815SG (SP 1513871-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	ND 87.4 % 95.1 % 91.6 % 0.69	<5 80-120 65-135 65-135 ≤5	
Carbofuran	531.1	12/21/15:214815SG (SP 1513871-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00	ND 104 % 123 % 111 % 2.4	<5 80-120 65-135 65-135 ≤5	
	531.1	12/22/15:218524SG	CCV CCV	ug/L ug/L	10.00 20.00	96.4 % 105 %	80-120 80-120	
Methomyl	531.1	12/21/15:214815SG (SP 1513871-001)	Blank LCS MS MSD	ug/L ug/L ug/L ug/L	20.00 20.00 20.00	ND 108 % 108 % 90.2 %	<2 80-120 65-135 65-135	

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Organic 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	ug/L	20.00	107 %	80-120	
			MS	ug/L	20.00	106 %	65-135	
			MSD	ug/L	20.00	120 %	65-135	
	531.1	12/22/15:218524SG	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	
			BS	mg/L	15.00	106 %	75-125	
			BSD	mg/L	15.00	106 %	75-125	
			BSRPD	mg/L	15.00	0.2%	≤23.0	
	5310C	12/27/15:218763AMM	CCV	ppm	15.00	104 %	67-122	
			CCV	ppm	15.00	98.6 %	67-122	
Glyphosate	547	12/15/15:214550SG (SP 1513908-001)	Blank	ug/L		ND	<20	
			LCS	ug/L	200.0	108 %	71-129	
			MS	ug/L	200.0	132 %	56-139	
			MSD	ug/L	200.0	127 %	56-139	
	547	12/16/15:218177SG	MSRPD	ug/L	200.0	3.8%	≤15	
			CCV	ug/L	100.0	110 %	80-120	
			CCV	ug/L	200.0	103 %	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	
	549	12/18/15:214727SG (VI 1544885-001)	MSRPD	ug/L	83.33	19	≤40	
			Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	74.7 %	34-114	
			MS	ug/L	20.00	0.0 %	0-86	
	549.2	12/22/15:218612SG	MSD	ug/L	20.00	0.0 %	0-86	
			MSRPD	ug/L	20.00	0.0	≤2	
			CCV	ug/L	1000	100 %	80-120	
			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	
	552	12/18/15:214728SBL (SP 1513888-001)	MSRPD	ug/L	5.000	8.6%	≤20.0	
			Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	90.6 %	70-130	
			MS	ug/L	10.00	106 %	70-130	
	552	12/18/15:214728SBL (SP 1513888-001)	MSD	ug/L	10.00	118 %	70-130	
			MSRPD	ug/L	5.000	6.0%	≤20.0	
			Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	103 %	70-130	
Dichloroacetic Acid	552	12/18/15:214728SBL (SP 1513888-001)	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	
			Blank	ug/L		ND	<1	
Monobromoacetic Acid	552	12/18/15:214728SBL	LCS	ug/L	10.00	98.0 %	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Monobromoacetic Acid	552	(SP 1513888-001)	MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 5.000	105 % 112 % 7.4%	70-130 70-130 ≤20.0	
Monochloroacetic Acid	552	12/18/15:214728SBL (SP 1513888-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00 5.000	ND 96.9 % 98.2 % 107 % 8.5%	<2 70-130 70-130 70-130 ≤20.0	
Trichloroacetic Acid	552	12/18/15:214728SBL (SP 1513888-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00 5.000	ND 106 % 97.6 % 111 % 12.1%	<1 70-130 70-130 70-130 ≤20.0	
2,3-Dibromopropionic Acid	552.2	12/20/15:218443SBL	CCV CCV	ug/L ug/L	50.00 75.00	88.2 % 80.7 %	70-130 70-130	
Dibromoacetic Acid	552.2	12/20/15:218443SBL	CCV CCV	ug/L ug/L	100.0 150.0	104 % 112 %	70-130 70-130	
Dichloroacetic Acid	552.2	12/20/15:218443SBL	CCV CCV	ug/L ug/L	100.0 150.0	104 % 112 %	70-130 70-130	
Monobromoacetic Acid	552.2	12/20/15:218443SBL	CCV CCV	ug/L ug/L	100.0 150.0	101 % 106 %	70-130 70-130	
Monochloroacetic Acid	552.2	12/20/15:218443SBL	CCV CCV	ug/L ug/L	100.0 150.0	106 % 104 %	70-130 70-130	
	552.2	12/20/15:218488SBL	CCV CCV	ug/L ug/L	100.0 150.0	101 % 106 %	70-130 70-130	
Trichloroacetic Acid	552.2	12/20/15:218443SBL	CCV CCV	ug/L ug/L	100.0 150.0	107 % 116 %	70-130 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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	0.5005 0.5005 0.4722 0.4767 0.4767	67.8 % 87.3 % 73.9 % 76.4 % 4.3%	15-143 15-143 26-141 26-141 ≤29	
	608	12/29/15:218887SBL	CCV CCV	ug/L ug/L	100.1 50.05	88.5 % 90.1 %	85-115 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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 128 % 126 % 1.6%	<0.5 66-191 66-191 ≤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 MS MSD MSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 122 % 122 % 0.3%	<0.5 30-180 30-180 ≤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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Organic 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	
1,1-Dichloroethane	624	12/18/15:218636VRG (CC 1584155-001)	CCV	ug/L	10.00	73.0 %	71-129	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	124 %	63-159	
1,1-Dichloroethylene	624	12/18/15:218636VRG (CC 1584155-001)	MSD	ug/L	10.00	121 %	63-159	
			MSRPD	ug/L	10.00	2.5%	<22	
			CCV	ug/L	10.00	104 %	72-128	
1,2-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	143 %	57-153	
			MSD	ug/L	10.00	140 %	57-153	
1,2-Dichloroethane (EDC)	624	12/18/15:218636VRG (CC 1584155-001)	MSRPD	ug/L	10.00	1.7%	<26	
			CCV	ug/L	10.00	93.9 %	63-137	
			Blank	ug/L	10.00	ND	<0.5	
1,2-Dichloropropane	624	12/18/15:214909VRG (CC 1584155-001)	MS	ug/L	10.00	113 %	56-158	
			MSD	ug/L	10.00	109 %	56-158	
			MSRPD	ug/L	10.00	4.2%	<24	
1,3-Dichlorobenzene	624	12/18/15:218636VRG (CC 1584155-001)	CCV	ug/L	10.00	101 %	68-132	
			Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	142 %	53-159	
1,4-Dichlorobenzene	624	12/18/15:214909VRG (CC 1584155-001)	MSD	ug/L	10.00	141 %	53-159	
			MSRPD	ug/L	10.00	1.0%	<28	
			CCV	ug/L	10.00	91.9 %	73-127	
2-Butanone (MEK)	624	12/18/15:218636VRG (CC 1584155-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	141 %	53-161	
			MSD	ug/L	10.00	137 %	53-161	
2-Chloroethylvinyl ether	624	12/18/15:214909VRG (CC 1584155-001)	MSRPD	ug/L	10.00	2.8%	<27	
			CCV	ug/L	10.00	90.9 %	63-137	
			Blank	ug/L	40.00	ND	<40	
2-Hexanone	624	12/18/15:218636VRG (CC 1584155-001)	MS	ug/L	40.00	170 %	0-211	
			MSD	ug/L	40.00	161 %	0-211	
			MSRPD	ug/L	10.00	3.8	<40	
2-Chloroethylvinyl ether	624	12/18/15:214909VRG (CC 1584155-001)	CCV	ug/L	40.00	153 %	20-230	
			Blank	ug/L	40.00	ND	<10	
			MS	ug/L	40.00	176 %	0-11	435
2-Hexanone	624	12/18/15:218636VRG (CC 1584155-001)	MSD	ug/L	40.00	170 %	0-11	435
			MSRPD	ug/L	10.00	3.1%	<3	435
			CCV	ug/L	40.00	152 %	0-224	
2-Hexanone	624	12/18/15:214909VRG (CC 1584155-001)	Blank	ug/L	40.00	ND	<30	
			MS	ug/L	40.00	178 %	0-190	
			MSD	ug/L	40.00	171 %	0-190	
2-Hexanone	624	12/18/15:218636VRG (CC 1584155-001)	MSRPD	ug/L	10.00	2.8	<30	
			CCV	ug/L	40.00	161 %	20-283	
			Blank	ug/L	40.00	ND	<30	

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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	
4-Methyl-2-pentanone (MIBK)	624	12/18/15:218636VRG	CCV	ug/L	10.00	77.0 %	70-130	
			Blank	ug/L		ND	<30	
			MS	ug/L	40.00	169 %	0-194	
			MSD	ug/L	40.00	162 %	0-194	
Acetone	624	12/18/15:214909VRG (CC 1584155-001)	MSRPD	ug/L	10.00	2.9	≤30	
			CCV	ug/L	40.00	152 %	20-233	
			Blank	ug/L		ND	<25	
			MS	ug/L	40.00	184 %	0-270	
Acrolein	624	12/18/15:218636VRG	MSD	ug/L	40.00	167 %	0-270	
			MSRPD	ug/L	10.00	6.7	≤25	
			CCV	ug/L	40.00	172 %	20-367	
			Blank	ug/L		ND	<5	
Acrylonitrile	624	12/18/15:214909VRG (CC 1584155-001)	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	
			CCV	ug/L	100.0	124 %	20-209	
Benzene	624	12/18/15:218636VRG	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	
Bromodichloromethane	624	12/18/15:214909VRG (CC 1584155-001)	CCV	ug/L	100.0	217 %	20-278	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	65-155	
			MSD	ug/L	10.00	115 %	65-155	
Bromoform	624	12/18/15:218636VRG	MSRPD	ug/L	10.00	1.3%	≤21	
			CCV	ug/L	10.00	101 %	64-136	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.6 %	62-150	
Bromomethane (Methyl Bromide)	624	12/18/15:214909VRG (CC 1584155-001)	MSD	ug/L	10.00	80.3 %	62-150	
			MSRPD	ug/L	10.00	3.8%	≤22	
			CCV	ug/L	10.00	74.3 %	65-135	
			Blank	ug/L		ND	<0.5	
Carbon Disulfide	624	12/18/15:218636VRG	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	
			CCV	ug/L	10.00	115 %	71-129	
Carbon Tetrachloride	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
			Blank	ug/L		ND	<5	
			MS	ug/L	40.00	248 %	0-230	435
			MSD	ug/L	40.00	242 %	0-230	435
	624	12/18/15:218636VRG	MSRPD	ug/L	10.00	2.4%	≤72	
			CCV	ug/L	40.00	145 %	20-242	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	151 %	69-206	
	624	12/18/15:214909VRG (CC 1584155-001)	MSD	ug/L	10.00	145 %	69-206	
			MSRPD	ug/L	10.00	3.7%	≤19	

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Organic								
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		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	

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Organic								
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	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	
Styrene	624	12/18/15:218636VRG (CC 1584155-001)	CCV	ug/L	10.00	99.0 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	129 %	6-195	
			MSD	ug/L	10.00	127 %	6-195	
Tetrachloroethylene (PCE)	624	12/18/15:214909VRG (CC 1584155-001)	MSRPD	ug/L	10.00	1.5%	≤25	
			CCV	ug/L	10.00	79.1 %	67-158	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.3 %	63-171	
Toluene	624	12/18/15:218636VRG (CC 1584155-001)	MSD	ug/L	10.00	92.6 %	63-171	
			MSRPD	ug/L	10.00	2.8%	≤26	
			CCV	ug/L	10.00	78.6 %	73-127	
			Blank	ug/L		ND	<0.5	
trans-1,2-Dichloroethylene	624	12/18/15:214909VRG (CC 1584155-001)	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	
			CCV	ug/L	10.00	75.7 %	74-126	
trans-1,3-Dichloropropene	624	12/18/15:218636VRG (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	
Trichloroethylene (TCE)	624	12/18/15:214909VRG (CC 1584155-001)	CCV	ug/L	10.00	112 %	69-131	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	125 %	54-178	
			MSD	ug/L	10.00	122 %	54-178	
Vinyl Acetate	624	12/18/15:218636VRG (CC 1584155-001)	MSRPD	ug/L	10.00	3.0%	≤22	
			CCV	ug/L	10.00	102 %	66-134	
			Blank	ug/L		ND	<10	
			MS	ug/L	40.00	365 %	0-331	435
Vinyl Chloride	624	12/18/15:214909VRG (CC 1584155-001)	MSD	ug/L	40.00	345 %	0-331	435
			MSRPD	ug/L	10.00	5.7%	≤44	
			CCV	ug/L	40.00	283 %	20-393	
			Blank	ug/L		ND	<0.5	
Xylenes m,p	624	12/18/15:218636VRG (CC 1584155-001)	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	
			CCV	ug/L	10.00	233 %	4-196	360
Xylenes o	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	
Xylenes o	624	12/18/15:218636VRG (CC 1584155-001)	CCV	ug/L	20.00	82.3 %	45-170	
			Blank	ug/L		ND	<0.5	
Xylenes o	624	12/18/15:214909VRG (CC 1584155-001)	MS	ug/L	10.00	129 %	38-182	
			MS	ug/L	10.00	129 %	38-182	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 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	

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Organic								
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	1.2	≤2	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	1.1	≤5	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	1.9%	≤23	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	1.7%	≤20	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	0.54	≤2	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	2.8%	≤36	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	10.5%	≤53	
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	
	625	12/23/15:218835SBL	BSRPD	ug/L	20.00	0.80	≤2	
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	

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Organic								
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	

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Organic Benzo(a)pyrene	625	12/15/15:214555JOM/DT	BSD BSRPD	ug/L ug/L	20.00 20.00	50.2 % 1.9%	44-86 ≤22	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	102 %	80-120	
Benzo(b)fluoranthene	625	12/15/15:214555JOM/DT	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 51.9 % 55.4 % 52.7 % 5.0%	<1 33-108 33-108 33-108 ≤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 LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 53.8 % 58.8 % 52.1 % 12.0%	<1 0-160 0-160 0-160 ≤24	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	119 %	80-120	
Benzo(k)fluoranthene	625	12/15/15:214555JOM/DT	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 54.2 % 52.0 % 55.1 % 5.9%	<1 34-107 34-107 34-107 ≤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 LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 47.3 % 48.5 % 47.0 % 3.1%	<1 30-103 30-103 30-103 ≤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 LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 44.6 % 46.5 % 43.8 % 6.1%	<1 0-279 0-279 0-279 ≤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 LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 47.6 % 49.4 % 46.8 % 5.5%	<1 27-118 27-118 27-118 ≤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 LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 54.6 % 50.9 % 49.9 % 2.0%	<2 46-118 46-118 46-118 ≤7	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	90.1 %	80-120	
Butylbenzylphthalate	625	12/15/15:214555JOM/DT	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	20.00 20.00 20.00 20.00 20.00	ND 49.7 % 50.0 % 48.6 % 0.28	<2 28-89 28-89 28-89 ≤2	
	625	12/23/15:218835SBL	CCV	mg/L	10.00	91.5 %	80-120	
Chloronaphthalene	625	12/15/15:214555JOM/DT	Blank LCS BS	ug/L ug/L ug/L	20.00 20.00 20.00	ND 45.4 % 47.3 %	<1 29-100 29-100	

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

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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	

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Rincon Consultants, Inc.

Lab ID : SP 1514000
 Customer : 2-25173

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
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	

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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	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	39.4 %	0-131	
			MS	ug/L	0.1000	54.1 %	4-108	
		(VI 1544885-001)	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	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	53.3 %	9-125	
			MS	ug/L	0.1000	39.7 %	17-100	
		(VI 1544885-001)	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	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	48.3 %	14-126	
			MS	ug/L	0.1000	12.6 %	0-135	
		(VI 1544885-001)	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	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	51.6 %	13-125	
			MS	ug/L	0.1000	63.7 %	16-123	
		(VI 1544885-001)	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	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	68.9 %	10-138	
			MS	ug/L	0.1000	11.0 %	0-120	
		(VI 1544885-001)	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	Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	59.7 %	0-122	
			MS	ug/L	0.1000	28.6 %	0-112	
		(VI 1544885-001)	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	

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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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 64.1 % 22.3 % 0.0 % 0.022	<0.005 19-120 0-121 0-121 ≤0.005	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 58.4 % 36.6 % 97.9 % 91.3%	<0.005 18-129 0-154 0-154 ≤25	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 69.1 % 44.3 % 114 % 88.1%	<0.005 22-128 0-149 0-149 ≤25	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 58.3 % 115 % 57.7 % 66.4%	<0.005 32-106 4-140 4-140 ≤25	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	73.8 %	70-130	
Endrin	625P	12/17/15:214645SG (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 64.5 % 8.8 % 0.0 % 0.0088	<0.005 0-130 7-101 7-101 ≤0.005	435 435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	109 %	70-130	
Endrin Aldehyde	625P	12/17/15:214645SG (VI 1544885-001)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 49.9 % 2.7 % 5.2 % 0.0024	<0.005 16-135 0-148 0-148 ≤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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 51.9 % 45.9 % 84.3 % 59.0%	<0.005 25-121 21-111 21-111 ≤25	435
	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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 59.6 % 20.6 % 22.9 % 0.0023	<0.005 20-123 1-116 1-116 ≤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 LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.1000 0.1000 0.1000 0.1000	ND 50.2 % 32.1 % 58.8 % 58.7%	<0.005 19-119 13-100 13-100 ≤25	435
	625P	12/23/15:218831SG	CCV	ug/L	100.0	89.7 %	70-130	

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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	
Lindane	625P	12/23/15:218831SG (VI 1544885-001)	CCV	ug/L	100.0	89.7 %	70-130	435
			Blank	ug/L		ND	<0.005	
			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	
Methoxychlor	625P	12/23/15:218831SG (VI 1544885-001)	MSRPD	ug/L	0.1000	33.5%	≤25	435
			CCV	ug/L	100.0	113 %	70-130	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	78.3 %	26-113	
			MS	ug/L	0.1000	55.0 %	2-107	
o,p - DDD	625P	12/17/15:214645SG (VI 1544885-001)	MSD	ug/L	0.1000	53.4 %	2-107	435
			MSRPD	ug/L	0.1000	3.0%	≤25	
			CCV	ug/L	100.0	93.9 %	70-130	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	80.3 %	15-136	
o,p - DDE	625P	12/17/15:214645SG (VI 1544885-001)	MS	ug/L	0.1000	34.4 %	12-118	435
			MSD	ug/L	0.1000	61.9 %	12-118	
			MSRPD	ug/L	0.1000	57.1%	≤25	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	67.2 %	23-124	
o,p - DDT	625P	12/17/15:214645SG (VI 1544885-001)	MS	ug/L	0.1000	14.8 %	0-108	435
			MSD	ug/L	0.1000	31.1 %	0-108	
			MSRPD	ug/L	0.1000	0.016	≤0.005	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	48.5 %	27-131	
p,p - DDD	625P	12/23/15:218831SG (VI 1544885-001)	MS	ug/L	0.1000	0.0 %	0-124	435
			MSD	ug/L	0.1000	7.0 %	0-124	
			MSRPD	ug/L	0.1000	0.0070	≤0.005	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	65.7 %	0-177	
p,p - DDE	625P	12/17/15:214645SG (VI 1544885-001)	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	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	73.5 %	23-126	
p,p - DDT	625P	12/17/15:214645SG (VI 1544885-001)	MS	ug/L	0.1000	38.9 %	2-107	435
			MSD	ug/L	0.1000	53.8 %	2-107	
			MSRPD	ug/L	0.1000	32.0%	≤25	
			Blank	ug/L		ND	<0.005	
			LCS	ug/L	0.1000	62.4 %	32-108	
Tetrachloro-m-xylene	625P	12/17/15:214645SG (VI 1544885-001)	MS	ug/L	0.1000	39.1 %	0-128	435
			MSD	ug/L	0.1000	39.1 %	0-128	
			MSRPD	ug/L	0.1000	0.02%	≤25	
			Blank	ug/L		ND	<0.005	
			LCS	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	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 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	
		(VI 1544885-001)	MSD	ug/L	0.1000	23.9 %	0-120	
			MSRPD	ug/L	0.1000	0.0038	≤0.005	
	625P	12/23/15:218831SG	CCV	ug/L	100.0	90.1 %	70-130	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of 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 forth 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.								

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
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	
			MS	mg/L	4.000	131 %	75-125	435
			MSD	mg/L	4.000	139 %	75-125	435
			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	
			MS	mg/L	0.8000	57.0 %	75-125	435
			MSD	mg/L	0.8000	60.0 %	75-125	435
			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	
			MS	mg/L	0.8000	303 %	75-125	435
			MSD	mg/L	0.8000	309 %	75-125	435
			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	

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Metals								
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	

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Metals								
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

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Metals								
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

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Metals								
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 40.00	ND 101 % 0.5 % 0.3 % 0.085 0.04 %	<0.2 85-115 75-125 75-125 ≤0.2 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 0.2000	ND 100 % 87.2 % 86.7 % 0.5%	<0.02 85-115 75-125 75-125 ≤20	
Wet Chem								
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 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 1513908-001)	Dup	NTU		0.6%	20	
	2130B	12/15/15:218391jba	CCV CCB CCV CCB	NTU NTU NTU NTU	10.00 10.00	100 % 0.089 100 % 0.087	90-110 0.1 90-110 0.1	
Odor	2150B	(SP 1514000-001)	Dup	TON		0.0	1	
	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	12/17/15:218542MCA	ICB ICV CCB CCV CCB CCV CCB CCV	ppb ppb ppb ppb ppb ppb ppb ppb	5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000	0.000 97.6 % 0.000 97.0 % 0.000 95.9 % 0.000 96.2 %	0.5 95-105 0.5 95-105 0.5 95-105 0.5 95-105	
Alkalinity (as CaCO3)	2320B	(CC 1584142-001)	Dup	mg/L		19.2%	3.42	440
	2320B	12/16/15:218190AMB	CCV CCV	mg/L mg/L	234.9 234.9	95.2 % 89.7 %	90-110 90-110	
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	

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Wet Chem								
E. C.	2510B	12/16/15:214580jmg (CC 1584123-007)	Blank Dup	umhos/cm umhos/cm		ND 0.07%	<1 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 LCS LCS Dup	mg/L mg/L mg/L mg/L	50.11 50.11	ND 87.8 % 80.8 % 2.7%	<1 38-138 38-138 28.7	
Chloride	300.0	(SP 1600177-020)	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	
		(SP 1600177-018)	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)	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	
		(CC 1584205-001)	LCS	mg/L	25.00	97.3 %	90-110	
			MS	mg/L	500.0	97.7 %	85-121	
			MSD	mg/L	500.0	97.6 %	85-121	
			MSRPD	mg/L	500.0	0.09%	≤19	
	300.0	12/24/15:218772MCA	CCB	ppm		0.24	1	
			CCV	ppm	25.00	104 %	90-110	
			CCB	ppm		0.00	1	
			CCV	ppm	25.00	104 %	90-110	
Fluoride	300.0	(SP 1600177-020)	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	
		(SP 1600177-018)	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)	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	
		(CC 1584205-001)	LCS	mg/L	2.500	97.5 %	90-110	
			MS	mg/L	50.00	97.9 %	87-120	
			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	

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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	
		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	
		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	
		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	
Nitrogen, Total Kjeldahl	351.2	12/17/15:214611jmg (SP 1513966-001)	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	

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	(SP 1513966-001)	Dup	mg/L		0.12	0.5	
	351.2	12/21/15:214761jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	82.2 %	73-124	
		(VI 1544885-003)	MS	mg/L	12.00	85.2 %	54-136	
			MSD	mg/L	12.00	79.5 %	54-136	
Chlorine	4500CIG	12/16/15:218219AMM	MSRPD	mg/L	12.00	6.9%	≤27	
			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	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	
		(SP 1513926-001)	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)	MS	mg/L	2.000	115 %	70-130	
			MSD	mg/L	2.000	117 %	70-130	
			MSRPD	mg/L	2.000	1.9%	≤20	
		(SP 1513975-002)	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	
Nitrite as Nitrogen	4500NO2B	(STK1553712-001)	CCB	mg/L		0.118	0.2	
			CCV	mg/L	2.000	101 %	90-110	
			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	
Nitrate + Nitrite as N	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	
	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	

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
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 CCV CCB CCV	mg/L mg/L mg/L mg/L	1.270 1.270 1.270	0.008 97.7 % 0.009 97.7 %	0.2 90-110 0.2 90-110	
Phosphorus	4500-P B	12/18/15:214734sjn (CH 1579937-001)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	0.5000 0.2500 0.2500 0.2500	ND 101 % 43.3 % 69.7 % 0.066	<0.1 90-116 25-292 25-292 ≤0.1	
Total Phosphorus	4500PE	12/21/15:218408SJN	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	0.5000 0.5000 0.5000	0.044 102 % 0.012 99.5 %	0.1 90-110 0.1 90-110	
BOD	5210B	12/15/15:214513NMRP (CH 1579846-001) (CH 1579846-001) (CH 1579846-001)	RgBlk LCS Dup Dup Dup	mg/L mg/L mg/L mg/L mg/L	198.0	0.32 101 % 3.1% 1.6% 26.4%	2 84.6-115 15.9 15.9 15.9	735 440
	5210B	12/20/15:218504AMM	CCV CCV	mg/L mg/L	1.000 1.000	98.0 % 95.0 %	80-120 80-120	
MBAS	5540C	12/15/15:218682jmg	CCB CCV	mg/L mg/L	10.00 10.00	0.000 100 %	0.1 99-101	
MBAS Screen	5540C	(SP 1514026-002)	MS MSD MSRPD	mg/L mg/L mg/L	10.00 10.00 10.00	100 % 100 % 0.0	90-110 90-110 ≤0.1	
Nitrogen, Total Kjeldahl	EPA351.2	12/18/15:218350AMB	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	5.000 5.000 5.000	-0.218 109 % 0.032 107 %	0.5 90-110 0.5 90-110	
	EPA351.2	12/22/15:218532AMB	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	5.000 5.000 5.000	0.060 97.8 % -0.004 98.8 %	0.5 90-110 0.5 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 forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
735	: Dilution water exceeded DO uptake method criteria

January 15, 2016
Rincon Consultants, Inc.

Lab ID : SP 1514000
Customer : 2-25173

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
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	
Definition CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.								

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

Client: FGL Environmental
853 Corporation Street
Santa Paula CA, 93060

Report Date: 01/19/16 16:39

Received Date: 12/16/15 10:00

Turn Around: Normal

Attention: Cindy Aguirre

Client Project: SP 1514000- (2-25173)

Phone: (805) 392-2012

Fax: (805) 525-4172

Work Order(s): 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	
<i>Surr: Dichloroacetate</i>	105 %	Conc:526	90-115	%			
<i>Surr: Dichloroacetate</i>	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	
<i>Surr: NDMA-d6</i>	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	
Surr: Dichloroacetate	103 %	Conc:517	90-115	%			
Surr: Dichloroacetate	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	
Surr: NDMA-d6	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
Triclosan	1.5	1.2	2.0	ng/l	1	12/23/15 12:45	J
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	3.1	0.31	1.0	ng/l	1	01/18/16 12:49	
DEET	1.5	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	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

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
Blank (W5L1241-BLK1)					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			
LCS (W5L1241-BS1)					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			
Matrix Spike Dup (W5L1241-MSD1)					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
Blank (W5L1479-BLK1)					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			
LCS (W5L1479-BS1)					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			
LCS Dup (W5L1479-BSD1)					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
Blank (W5L0881-BLK1)					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
LCS (W5L0881-BS1)					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
LCS Dup (W5L0881-BSD1)					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
Blank (W5L0879-BLK1)					Analyzed: 12/23/15 10:17						
Salicylic Acid	47.8	0.86	50	ng/l							J
Triclosan	ND	1.2	2.0	ng/l							
LCS (W5L0879-BS1)					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			
LCS Dup (W5L0879-BSD1)					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
Blank (W5L0955-BLK1)					Analyzed: 01/06/16 21:15						
17-b-Estradiol	ND	0.31	1.0	ng/l							
LCS (W5L0955-BS1)					Analyzed: 01/06/16 21:32						
17-b-Estradiol	8.27	0.31	1.0	ng/l	10.0		83	65-146			
LCS Dup (W5L0955-BSD1)					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

Q-12	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.
J	Estimated conc. detected <MRL and >MDL.
BS-04	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.
A-01	Reporting limit was raised to 10 ppb due to low recovery of low level standard
ND	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reportable
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Sub	Subcontracted analysis, original report available upon request
MDL	Method Detection Limit
MDA	Minimum Detectable Activity
MRL	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:	3.9°C	Sample labels & COC agree	Yes	Sufficient holding time for all tests	Yes
All containers intact:	Yes	Samples preserved properly	Yes	Received on Ice	Yes
Custody Seals	No	Sample volume sufficient	Yes	Appropriate sample containers	Yes
Chain of custody completed	Yes				

Analysis	TAT	Expires	Comments
5L16014-01 SMBRP-09 [Water] Sampled 12/15/15 07:45 (GMT-08:00) Pacific Time (US &			
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	

5L16014-02 TY-MW-1 [Water] Sampled 12/15/15 11:00 (GMT-08:00) Pacific Time (US &

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.

Subcontract to Weck Laboratories, Inc.

5L16014

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: SP 1514000 - (2-25173) Purchase Order Number:				Map Ref.												
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____ Lab Number:				Method of Sampling: Composite(C) Grab(G) Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)												
Sub 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** 8oz(P)												
Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(P)																
Samp Num	Location Description	Date Sampled	Time Sampled	G	MW											
1	SMBRP-09	12/15/15	07:45	G	MW											
4	TY-MW-1	12/15/15	11:00	G	MW											
Remarks:				Relinquished: <i>[Signature]</i> Date: 12/15/15 Time: 17:70 Received By: <i>Ontrac</i> Date: Time:												
				Relinquished: <i>Ontrac</i> Date: Time: 12/16/15 1000 Received By: <i>[Signature]</i> Date: Time:												

3.96

5616014

EXTRA WATER
REQUESTED BY
KIM TU!!



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

				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** Possible(P) Non-Possible(NP) Ag Water(AgW) Bacit Type: Other(O) System(SYS) Source(SR) Waste(W) Bacit 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,Be,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(AGT)-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 514000 (162) 2-25173																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Samp Num</th> <th>Location Description</th> <th>Date Sampled</th> <th>Time Sampled</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Travel Blank</td> <td>12/15/15</td> <td>1100</td> </tr> <tr> <td>1</td> <td>SMBRP-09</td> <td>12/15/15</td> <td>0745</td> </tr> <tr> <td>2</td> <td>SMBRP-12</td> <td>12/15/15</td> <td>0850</td> </tr> <tr> <td>3</td> <td>MCWP-MW09</td> <td>12/15/15</td> <td>1100</td> </tr> <tr> <td>4</td> <td>TY-MW-1</td> <td>12/15/15</td> <td>1100</td> </tr> <tr> <td>5</td> <td>SMBRP-13</td> <td>12/15/15</td> <td>1253</td> </tr> <tr> <td>6</td> <td>SMBRP-7B</td> <td>12/15/15</td> <td>1415</td> </tr> <tr> <td>7</td> <td>MCWP-MW04S</td> <td>12/15/15</td> <td>0945</td> </tr> </tbody> </table>																				Samp Num	Location Description	Date Sampled	Time Sampled	0	Travel Blank	12/15/15	1100	1	SMBRP-09	12/15/15	0745	2	SMBRP-12	12/15/15	0850	3	MCWP-MW09	12/15/15	1100
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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				Relinquished Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____																											

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				4167:12/01/2015		TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information																																	
Sampler(s) <i>Peter</i> Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____:____:____ Lab Number: SP 1514000(284) 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)		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																																	
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Remarks: Multiple Chains 4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM				Relinquished Date: Time: <i>Peter Muller</i> 12/15/15 1420		Relinquished Date: Time: <i>[Signature]</i> 12/15/15 1530		Relinquished Date: Time: _____																															
				Received By: Date: Time: <i>[Signature]</i> 12/15/15 1450		Received By: Date: Time: <i>[Signature]</i>		Received By: Date: Time: _____																															

Corporate Offices & Laboratory

853 Corporation Street
 Santa Paula, CA 93060
 Phone: (805) 392-2000
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2500 Stagecoach Road
 Stockton, CA 95215
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 Fax: (209) 942-0423

Office & Laboratory

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

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3442 Empresa Drive, Suite D
 San Luis Obispo, CA 93401
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 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) 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 12.5ml(AGT)-Monochloroacetic Buffer EPA 547 12.5ml(AGT) EPA 548.1 1000ml(AGT) EPA 549-Diquat 1000ml(AST) EPA 552.2 250ml(AGT)-NH4Cl																						
Sampler(s) Peter Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____/____ Lab Number: SP 1514000 (3824) 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)	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	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613	Sub Inorganic-Bromate, Chlorite, Low-Level	EPA 505	EPA 507	EPA 515	EPA 531.1	EPA 547	EPA 548.1	EPA 549-Diquat	EPA 552.2
0	Travel Blank	12/15/15	—	G	LBW																					
1	SMBRP-09		0745	G	MW								1,1,1	1	2	1	2	1	1	1	1	1	1	1	1	1
~~2~~	~~SMBRP-12~~			~~G~~	~~MW~~								~~1,1,1~~	~~1~~	~~2~~	~~1~~	~~2~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~
~~3~~	~~MCWP-MW09~~			~~G~~	~~MW~~								~~1,1,1~~	~~1~~	~~2~~	~~1~~	~~2~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~
4	TY-MW-1		1100	G	MW								1,1,1	1	2	1	2	1	1	1	1	1	1	1	1	1
5	SMBRP-13		1253	G	MW																					
6	SMBRP-7B		1415	G	MW																					
7	MCWP-MW04S		0945	G	MW																					
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																						
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Corporate Offices & Laboratory
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 3442 Empresa Drive, Suite D
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 9415 W. Goshen Avenue
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 Fax: (559) 734-8435

4168:12/01/2015			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-CECs 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 Contracted-PPCP-EPA 1694M Hormones: 17-b-Estradiol Pharma Positive:Caffeine, DEET, Sucralose Pharma Negative: Triclosan Order containers from Week 2x 1L Amber w/ Sodium Azide **Please include MDL Reporting** Other(AGT) Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 500ml(AGT)																				
Sampler(s) Peter Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____/____																							
Lab Number: SP 1514000 (444) 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)	Special(SPL)	Sub Contracted-PPCP-EPA 1694M	Hormones: 17-b-Estradiol	Pharma Positive:Caffeine, DEET, Sucralose	Pharma Negative: Triclosan	Order containers from Week	2x 1L Amber w/ Sodium Azide	**Please include MDL Reporting**	Other(AGT)	Sub Contracted-EPA 1625M NDMA	**Please include MDL Reporting**	500ml(AGT)
1	SMBRP-09	12/15/15	0745	G	MW								2								2		
2	SMBRP-12			G	MW								2								2		
3	MCWP-MW00			G	MW								2								2		
4	TY-MW-1	12/15/15	1100	G	MW								2								2		
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:			
4QM MAKE UP EVENT FOR SITES-NO ACCESS 3QM				Received By: <i>Pete Skellern</i> Date: 12/15/15 Time: 1420		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1530		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720		Received By: <i>[Signature]</i> Date: 12/15/15 Time: 1720			

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

Subcontract to Weck Laboratories, Inc.

				Map Ref.																	
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: SP 1514000 - (2-25173) 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 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** 8oz(P) Sub Contracted-EPA 1625M NDMA **Please include MDL Reporting** 8oz(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						1		1								
4	TY-MW-1	12/15/15	11:00	G	MW						1		1								
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	

Subcontract to Vista Analytical Laboratory

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: SP 1514000 - (2-25173) Purchase Order Number:				Map Ref.																	
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontracted-Dioxin, 2,3,7,8-TCDD by EPA 1613 Please include MDL Reporting 1000ml(AGT)												
1	SMBRP-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: 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: SP 1514000 - (2-25173) Purchase Order Number:																					
Sampler(s) Peter Compositor Setup Date: ____/____/____ Time: ____/____																					
Lab Number:																					
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontracted - Asbestos-Drinking Water Please include MDL Reporting 32oz(P)												
1	SMBRP-09	12/15/15	07:45	G	MW				1												
4	TY-MW-1	12/15/15	11:00	G	MW				1												
Remarks:				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	

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: SP 1514000 - (2-25173) 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														
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:				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

Appendix B

Groundwater Sampling/Purging Data Sheets

	Well	d	Depth [ft]	
①	MCWP-MW01	6" d	10.22 [ft]	0758
②	" " MW04D	4" d	9.35 [ft]	0800
	↳ tubing hose in well already [note]			
③	" " MW04S	4" d	7.55 [ft]	0805
	↳ tubing/hose in well [note]			
	↳ located in Malibu Medical Center Parking lot - Pictures Taken.			
	SMBRP-9	2" d	38.24'	0836
	EGF-RC MW01 (Tennis Cts.)	4" d	28.74'	0845
	↳ BARO + DIVER loggers in hole			
	↳ tubing in hole			
	SMBRP-16	2" d.	4.95'	0855
	↳ River parking area along road			
	MBCMw-7	2"	11.26'	0903
	MBEMW-8	2"	9.11'	0907
	↳ on top of knoll in park, north of creek			
	box not secure (needs 9/16" bolts) well too tall.			
	CCW-4	1" d.	6.50'	0914
	↳ parking pavers, south of road, 2 nd space before cross-walk.			
①	MCWP-MW05	4" d.	7.62'	0922
	↳ Parking paved, adj to handicapped spot.			

	Label	diam	depth	
11	MDC MW-9 "B"	2" d.	8.69' 8.70'	093
12	MDC MW-10 "B"	2" d.	8.63'	093
12' in park landscape, immediately south of crosswalk 3/4" bolts on well box.				
13	SMBRP-7B	2" d.	10.69'	094
To street adj. to library - east ↳ sub-pump in well w/ tubing.				
14	CCPME "N"	2" d.	6.44'	095
↳ River walkway ⑤ of banner Rep.				
15	CCPE	2" d.	5.76"	1004
↳ East driveway adj. to lagoon. - New well cap.				
16	P9	4"	5.07'	1012
↳ Planter in lot, south of 23357				
17	P4(?)	4"	4.58'	1016
↳ driveway ⑤ of Wells Fargo				
18	CCPSW Habitat	2"	6.29'	1027
↳ label on cap says CP MWS - ⑤ of star backs, SW corner in crosswalk				
19	MCWP-06(?) "MW"	2"	9.87'	1036
↳ of Animal Hosp., dirt				
20	MCWP-02 "MW"	6" d.	10.39	1042
Same as above.				

SMBRP 1" well colony entrance 1058

Total Depth 8.77 "Dry Well"

2) C-1 could not locate

C-2 2" 5.11' 1125

↳ South of path, north of alleyway
adj. to tennis court.

3) MCWP - MW10 2" 5.70 1144

↳ east end of parking lot (dirt)

4) lagoon before - could not find -

5) SMBRP6 2" d ~~16.90~~ 16.49' 1240

on private property = contact Charles.

3515 Cross Creek Rd. Wolhaupter

26) SMBRP2 2" d 6.04' 1300

Serra, below old foundation behind
oak, follow path, concrete monument.

27) MW7S "M7-2" 2" 7.78' 1328

- Field, east side, ~~det~~ Diver logger in well.

28) MW7D "M7-1"

- Same nested 2" 8.09' 1332

29) GH9-M4 2" 30.31' 1343

↳ label logger. North field, PVC post.

30) lagoon
- could not locate

(31) G+G-M1 2" 28.92' 1352
NW field, PVC pole.

(32:33) MRC-MW5 & MW6
- Covered w/ Rocks?
- Cannot loc - prev. not measured.

"GH8"
(34) GHB(?) - M3 2" 28.37' 1407
N field, PVC pole

(35) MG-1 [also labeled D] 2" 1415

west field 6.61 ft
(36) MG-2 [also labeled S] 2" 1415
west field 5.76 ft.
inside Fence PVC pole

(37) SMBRP-10C 2" 7.37' 1424
Road side, (N)

(38) LAMW 5S 4" 53.71' 1434
Dirt lot, (N) of road, (S) of plant.

(39) CI could not locate

- 40) MCWP - MW03 6" in street under ~~7.65~~ (ft) - DTW 1448
street lamp
- 41) MCWP - MW07D 2" - hose present in well DTW - 7.51 (ft) sheet under sheet lamp 1450
- 42) MCWP - MW07S 2" 6.76
↳ across from 23832 DTW 1453
- 3) SMBRP - 11 2" 1500
in front of 23900 DTW - 8.88
- 4) MCWP - MW08(?) 2" 7.64' 1510
↳ Mali'ba colony (N) side of road.
- 45) 11.5" SMBRP - 13 2" 8.32' 1514
Mali col. (N)
- 46) MCWP - MW09 2" 7.52 1521
Colony - West end (N) side, @ tennis cts
- 47) SMBRP - 12 2" 5.69 1524
Colony - West (N) side @ tennis cts.

- Double rounded Lagoon - only 46 sites.

Meter used for DTW -

▶ Solinst - Water level Meter
Small — Model 102
~~Big~~  large bg #2

Table 1
Groundwater Monitoring Well Construction Details

not the correct
well depth

Well ID	Total Well Depth (ft bTOC)	Well Screen Interval (ft bgs)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 8/24/2015 (ft bTOC)	Depth to Water 9/21/2015
1 C-1	14.5		n/a	11.47	n/a	NA
2 C-2	14.5		2	11.19	5.11	4.92
3 CCPE	20		2	12.935	5.76	5.61
4 CCPNE			2	13.675	6.44	6.27
5 CCPSW			2	13.67	6.29	6.09
6 CCW-4			1	15.765	6.5	6.71
7 GH6-M1	35		2		28.92	29.11
8 GH8-M3	40		2		28.37	28.54
9 GH9-M4	45		2		30.31	30.54
10 Lagoon			n/a		n/a	N/A
11 LAMW-5S	20		4	104.55	53.71	53.30
12 M6-1	45		2		6.61	6.43
13 M6-2	20		2		5.76	5.78
14 M7-1 aka D	40		2		8.09	8.12
15 M7-2 aka S	25		2		7.78	7.91
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	11.26	10.94
19 MBCMW-8	10		2	16.53	9.11	9.13
20 MBCMW-9	10		2	17.71	8.7	8.83
21 MBCMW-10	53		2	17.74	8.63	8.20

time

5:35
5:30 pm
2:05 pm
2:00 pm
2:30 pm
12:15 pm
4:18 pm
4:12 pm
4:06 pm
11:27 am
4:30 pm
4:25 pm
3:51 pm
3:48 pm
12:00 pm
12:10 pm
12:45 pm
12:55 pm

Depth to Water
bTOC

Depth to Water
9/21/2015

Depth
Went

152.88	22	MCWP-MW01	148		6		10.22	9.71
148.20	23	MCWP-MW02	145		6	18.06	10.39	9.92
136.65	24	MCWP-MW03	134		6		7.65	7.52
149.2	25	MCWP-MW04D	148	20-148	4		9.35	8.84
20.45	26	MCWP-MW04S	20	10-20 (no sum)	4		7.55	7.67
154.4	27	MCWP-MW05	158	50-158	4		7.62	7.30
138.15	28	MCWP-MW06	153	55-153	2		9.87	9.40
129.6	29	MCWP-MW07D	134	55-134	2		7.51	7.44
17.22	30	MCWP-MW07S	20	7-20	2		6.76	7.13
79.38	31	MCWP-MW08	77	42-77	2		7.64	7.42
89.60	32	MCWP-MW09	95	53-93	2	16.3	5.42 07.52	7.52
22.23	33	MCWP-MW10	60	10-20	2		5.7	5.55
14.57	34	P-4	12.5		4	12.155	4.58	4.47
13.90	35	P-9	14.3		4	12.165	5.07	4.90
24.88	36	SMBRP-2	25		2	13.131	6.04	5.91
	37	SMBRP-3C				n/a		N/A
23.45	38	SMBRP-6	25		2	26.875	16.49	15.95
25.13	39	SMBRP-7b	45		2	18.985	10.69	10.62
40.46*	40	SMBRP-8 (EG-RC M)	60		4		28.74	29.02
	41	SMBRP-9	45		2	50.32	38.24	38.46
	42	SMBRP-10C	25		2	16.25	7.37	7.64
20.38	43	SMBRP-11	20		2	18.35	8.88	8.70
24.88	44	SMBRP-12	25		2	12.615	5.69	6.91
19.48	45	SMBRP-13	20		2	13.58	8.32	7.98
8.4 *	46	SMBRP-15b	25		1	16.765	dry, recorded depth 8.77	
	47	SMBRP-16	25		2	14.5	4.95	4.96

Time

3:24pm

2:51pm

6:46pm

3:32pm

3:15pm

12:30pm

2:38pm

6:52pm

7:02pm

6:18pm

6:12pm

5:11pm

2:17pm

2:22pm

5:50pm

1:15pm

12:40pm

4:40pm

11:05am

11:15am

7:08pm

6:35pm

6:12pm

5:03pm

11:37am

MCWP - MW09 & SMBRP 12 are probably switched → last DTW

TY-MW1 (9/29/15) DTW: 68.72, DTB: 80.45

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

Job No: 15-01587		Date: 9/22/2015	
Project/Location Malibu		Well Number: MCWP M07S	
Observation Period Start: 1233 Stop:		Survey Reference Point: TOC	
Sampled By: RP/PS		Witnessed By: _____	

PURGING DATA			
Type of Pump	submersible	Pump Inlet Depth (ft)	8
Well Diameter (in)	2 inch	Depth of Well (ft)	20.45
Initial/Static Depth to Water (ft)	6.49	Length of Water Column (ft)	13.96
Product Thickness (ft)	_____	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.23	Three Casing Volumes (gal)	6.70
Purge Time, Start	1238	Purge Time, Stop	1254
Total Purge Time (minutes)	16 minutes	Purge Rate (gpm)	0.3125
Purge Volume (gal)	5 gallons	Depth to Water (ft) at Sampling	7.56

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	2.23	4.46	6.70			At Sampling
TDS (ppm)	1.41	1.42	1.43				1.43
Turbidity (measured or visual) cloudy, clear, muddy	clear	light	light				light
Temperature (C)	28.48	24.43	24.89				27.8
Conductivity (microsiemens/cm)	2168	2182	2206				2192
pH	8.05	7.72	7.56				7.43
Dissolved Oxygen (mg/L & %)	24.7% 1.90	11.7% 0.87	12.3% 1.02				11.8% 3.1
Comments:				Well Dry			
Depth to Water at End of Purge (ft)				20.45			
Drawdown (ft)				13.96			

MISCELLANEOUS DATA	
Condition of Traffic Box: Good	Comments: Well water level drops during sampling. Wait for recharge. Sample again once recharge occurs
Drum Identification labeling: Non-Hazardous Waste	
Water Level Indicator: Soiltest Model 104	
Weather Conditions: Sunny, 80s	
Comments:	Sampled at: 1340-1330
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 6.49 + 0.2 * 13.96 = 9.28	

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

Job No: 15-01587		Date: 9/22/2015	
Project/Location Malibu		Well Number: MCWP MN07d	
Observation Period Start: 1000 Stop: 1230		Survey Reference Point: TOC	
Sampled By: RP/PS		Witnessed By:	

PURGING DATA			
Type of Pump	submersible groundfos	Pump Inlet Depth (ft)	50.0
Well Diameter (in)	2 inch	Depth of Well (ft)	129.6
Initial/Static Depth to Water (ft)	7.58	Length of Water Column (ft)	122.02
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.52	Three Casing Volumes (gal)	58.57
Purge Time, Start	1038	Purge Time, Stop	1116
Total Purge Time (minutes)	38	Purge Rate (gpm)	1.58 gpm
Purge Volume (gal)	60	Depth to Water (ft) at Sampling	

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	20 g	40 g	60 g			At Sampling
TDS (ppm)	0.958	2.221	2.220	2.21	2.23		2.23
Turbidity (measured or visual) cloudy, clear, muddy	clear	clear	clear	clear	clear		clear
Temperature (C)	25.87	21.75	21.59	21.41	24.32		24.32
Conductivity (~~microsiemens~~ ~~micromhos~~) (cm)	1414	1414	3416	3400	3420		3420
pH	6.87	6.95	7.14	7.18	7.23		7.23
Dissolved Oxygen (mg/L & %)	25% 1.91	13.1% 1.37	13.8% 1.16	13.5% 1.19	13.6% 1.13		13.6% 1.13
Comments:							
Depth to Water at End of Purge (ft)				7.66			
Drawdown (ft)				0.08			

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 104
Weather Conditions:	Sunny 80s
Comments:	Sampled at: 1125 Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 7.58 + 0.2 * 0.08 = 7.60

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: 9/23/15	
Project/Location Malibu		Well Number: CCPE	
Observation Period Start: 0800	Stop: 0905	Survey Reference Point: TOC	
Sampled By: RP/PS		Witnessed By:	

PURGING DATA			
Type of Pump	Sub	Pump Inlet Depth (ft)	12.00
Well Diameter (in)	2"	Depth of Well (ft)	52.70
Initial/Static Depth to Water (ft)	5.63	Length of Water Column (ft)	47.07
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	7.53	Three Casing Volumes (gal)	22.6
Purge Time, Start	0815	Purge Time, Stop	858
Total Purge Time (minutes)	43	Purge Rate (gpm)	0.72 gpm
Purge Volume (gal)	31	Depth to Water (ft) at Sampling	5.64

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

INDICATOR DATA						
Volume Pumped (gal)	Before Purge	7.53	15.06	22.6	30.13	At Sampling
TDS (ppm)	1.010	1.427	1.59	1.74	1.70	
Turbidity (measured or visual)	Brown tint, Blk spec	clear	clear	clear	clear	
Temperature (C)	20.71	20.44	20.60	20.48	20.65	
Conductivity (micromhos)	1552	2197	2450	2696	2622	
pH	8.06	7.21	7.04	7.03	7.12	
Dissolved Oxygen (mg/L & %)	4.8% 0.43	6.4% 0.55	5.9% 0.53	8.2% 0.74	6.2% 0.54	
Comments:	Smelly Sulfur	Black spec	% decrease w/ increase purge volume			
Depth to Water at End of Purge (ft)		5.72				
Drawdown (ft)		0.09				

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	Sunny
Comments:	Sampled at: 0900
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 5.63 + 0.2 * 0.09 = 5.648	

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

Job No: 15-01587		Date: 9-23-15	
Project/Location Malibu		Well Number: MBCMw-9	
Observation Period Start: 0935 Stop: 0945		Survey Reference Point: TOC	
Sampled By: RP/PS		Witnessed By: _____	
PURGING DATA			
Type of Pump	—	Pump Inlet Depth (ft)	—
Well Diameter (in)	2"	Depth of Well (ft)	9.20
Initial/Static Depth to Water (ft)	8.85	Length of Water Column (ft)	0.35
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	—
One Casing Volume (gal)	—	Three Casing Volumes (gal)	—
Purge Time, Start	—	Purge Time, Stop	—
Total Purge Time (minutes)	—	Purge Rate (gpm)	—
Purge Volume (gal)	—	Depth to Water (ft) at Sampling	
CASING OR BOREHOLE VOLUME			
0.5-inch Diameter = 0.010 gal/ft 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		At Sampling
TDS (ppm)	DRY		
Turbidity (measured or visual) cloudy, clear, muddy			
Temperature (C)			
Conductivity (micromhos)			
pH			
Dissolved Oxygen (mg/L & %)			
Comments:			
Depth to Water at End of Purge (ft)			
Drawdown (ft)			
MISCELLANEOUS DATA			
Condition of Traffic Box: Good			
Drum Identification labeling: Non-Hazardous Waste			
Water Level Indicator: Solinst Model 101			
Weather Conditions: Sunny 80s			
Comments: Attempted to purge/sample w/ bailer		Sampled at: _____	
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery _____ + 0.2 * _____ = _____			

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

Job No: 15-01587		Date: 9/23/15						
Project/Location Malibu		Well Number: MCWP-MW05						
Observation Period Start: 0950 Stop: 1255		Survey Reference Point: TOC						
Sampled By: PS/EP		Witnessed By: _____						
PURGING DATA								
Type of Pump	ground for submersible	Pump Inlet Depth (ft)	45 ft					
Well Diameter (in)	4 inch	Depth of Well (ft)	154.4					
Initial/Static Depth to Water (ft)	7.34	Length of Water Column (ft)	147.06					
Product Thickness (ft)	_____	Volume Multiplier (gal/ft)	0.65					
One Casing Volume (gal)	95.59	Three Casing Volumes (gal)	286.77					
Purge Time, Start	1017	Purge Time, Stop	1235					
Total Purge Time (minutes)								
Purge Volume (gal)	290 gallons	Purge Rate (gpm)						
		Depth to Water (ft) at Sampling	7.40					
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	95.59	191.18	286.77				At Sampling
TDS (ppm)	1.425	1.432	1.425	1.427				→
Turbidity (measured or visual) cloudy, clear, muddy	cloudy	clear	clear	clear				→
Temperature (C)	19.95	19.73	19.89	20.02				→
microsiemen/cm Conductivity (micromhos)	2193	2203	2192	2199				→
pH	7.62	7.28	7.21	7.27				→
Dissolved Oxygen (mg/L & %)	17.1% 1.51	10.7% 0.70	9% 0.80	12.3% 1.10				→
Comments:	1017	1105	1159	1235				→
Depth to Water at End of Purge (ft)				7.40				→
Drawdown (ft)				0.06				
MISCELLANEOUS DATA								
Condition of Traffic Box: Good								
Drum Identification labeling: Non-Hazardous Waste								
Water Level Indicator: Solinst Model 101								
Weather Conditions: Sunny 80s								
Comments:					Sampled at: 1240			
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 7.34 + 0.2 * .06 = 7.352								

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

Job No: 15-01587		Date: 9-23-15	
Project/Location Malibu		Well Number: MCWP-MW06	
Observation Period Start: 1310 Stop: 1430		Survey Reference Point: TOC	
Sampled By: PS		Witnessed By: RP	

PURGING DATA			
Type of Pump	submersible Grundfos	Pump Inlet Depth (ft)	~~38.15~~ 50
Well Diameter (in)	2 in	Depth of Well (ft)	138.15
Initial/Static Depth to Water (ft)	9.59	Length of Water Column (ft)	128.56
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	20.56	Three Casing Volumes (gal)	61.70
Purge Time, Start	1320	Purge Time, Stop	1402
Total Purge Time (minutes)		Purge Rate (gpm)	
Purge Volume (gal)	65 gallons	Depth to Water (ft) at Sampling	9.59

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	20.56	41.14	61.70			At Sampling
TDS (ppm)	0.470	1.653	1.666	1.666			1.65
Turbidity (measured or visual) cloudy, clear, muddy	cloudy Brn	clear	clear	clear			clear
Temperature (C)	21.50	22.70	21.84	20.88			21.09
Conductivity (micromhos) <i>micro Siemens/cm</i>	722	2540	2551	2551			2544
pH	7.81	7.33	7.34	7.38			7.31
Dissolved Oxygen (mg/L & %)	1.4%	8.5%	7.8%	8.1%			8.2%
Comments:							
Depth to Water at End of Purge (ft)				9.60			
Drawdown (ft)				0.01			

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	85°F, light wind
Comments:	Sampled at: 1406 Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 9.59 + 0.2 * .005 = 9.595

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

Job No: 15-01587		Date: 7/29/2015	
Project/Location Malibu		Well Number: MCWP-MW10	
Observation Period Start: 1125 Stop: 1220		Survey Reference Point: TOC	
Sampled By: RP		Witnessed By:	

PURGING DATA			
Type of Pump	Grundfos	Pump Inlet Depth (ft)	9'
Well Diameter (in)	2"	Depth of Well (ft)	22.18
Initial/Static Depth to Water (ft)	5.49	Length of Water Column (ft)	16.69
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.67	Three Casing Volumes (gal)	8.01
Purge Time, Start	1147	Purge Time, Stop	1207
Total Purge Time (minutes)	20	Purge Rate (gpm)	0.4
Purge Volume (gal)	8	Depth to Water (ft) at Sampling	5.49

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	2.67	5.4	8.0			At Sampling
TDS (ppm)	1.503	1.556	1.578	1.600			22.96 1.608
Turbidity (measured or visual) cloudy, clear, muddy	clr	clr	clr	clr			clr
Temperature (C)	26.23	23.40	23.05	23.00			22.96
Conductivity (micromhos)	0.000	0.000	0.000	0.000			0.000
pH	8.10	7.29	7.11	7.09			7.07
Dissolved Oxygen (mg/L & %)	0.97	0.75	0.61	0.74			0.75
Comments:							
Depth to Water at End of Purge (ft)				5.50			
Drawdown (ft)				0.01			

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good.
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	Sunny, 80's
Comments: _____ Sampled at: 1210	
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery _____ + 0.2 * _____ = _____	

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

Job No: 15-01587		Date: 9/28/15	
Project/Location Malibu		Well Number: LAWM55	
Observation Period Start: 1240 Stop:		Survey Reference Point: TOC	
Sampled By: RP/DD		Witnessed By:	

PURGING DATA			
Type of Pump		Pump Inlet Depth (ft)	
Well Diameter (in)	4"	Depth of Well (ft)	73.43
Initial/Static Depth to Water (ft)	53.38	Length of Water Column (ft)	20.05
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	13.03	Three Casing Volumes (gal)	39.10
Purge Time, Start	1305	Purge Time, Stop	1445
Total Purge Time (minutes)	130 100	Purge Rate (gpm)	0.25/min
Purge Volume (gal)	28	Depth to Water (ft) at Sampling	53.45

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	13	26				At Sampling
TDS (ppm)	0.962	0.813	0.790				0.844
Turbidity (measured or visual) cloudy, clear, muddy	cldy	cldy	cldy				cldy
Temperature (C)	23.47	25.01	27.01	DRY 28 g. purged			22.61
Conductivity (micromhos)	0.001	0.001	0.001				0.000
pH	8.05	6.92	7.03				7.15
Dissolved Oxygen (mg/L & %)	0.71	0.67	0.99				0.73
Comments:		1333					
Depth to Water at End of Purge (ft)				68.22			
Drawdown (ft)				55.19	14.84		

MISCELLANEOUS DATA	
Condition of Traffic Box:	
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	
Comments: Sampled at: 0945 (9/29) Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery $53.38 + 13.03 + 0.2 \times \frac{55.19}{14.84} = 56.35$	

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

Job No: 15-01587		Date: 9/28/15	
Project/Location Malibu		Well Number: SMBRP-9	
Observation Period	Start:	Stop:	Survey Reference Point: TOC
Sampled By:		Witnessed By:	

PURGING DATA			
Type of Pump		Pump Inlet Depth (ft)	
Well Diameter (in)		Depth of Well (ft)	45.40
Initial/Static Depth to Water (ft)	38.50	Length of Water Column (ft)	6.9
Product Thickness (ft)		Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.10	Three Casing Volumes (gal)	3.31
Purge Time, Start	1521	Purge Time, Stop	1534
Total Purge Time (minutes)	13	Purge Rate (gpm)	2
Purge Volume (gal)	2.5	Depth to Water (ft) at Sampling	

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	1.1	2.2				At Sampling
TDS (ppm)	2.372	2.372	2.369				
Turbidity (measured or visual) cloudy, clear, muddy	muddy	cldy	cldy				
Temperature (C)	26.07	25.11	27.02	DRY			
Conductivity (micromhos)	0.000	0.000	0.000				
pH	7.67	7.62	7.49				
Dissolved Oxygen (mg/L & %)	1.18	1.92	2.27				
Comments:							
Depth to Water at End of Purge (ft)				40.40			
Drawdown (ft)				1.90			

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	Sunny, 70s
Comments: _____ Sampled at: ✓	
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery _____ + 0.2 * _____ = _____	

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

Job No: 15-01587		Date: 7/28/15	
Project/Location Malibu		Well Number: MW45	
Observation Period Start: 1025	Stop:	Survey Reference Point: TOC	
Sampled By: RP		Witnessed By:	

PURGING DATA			
Type of Pump	Grundfos	Pump Inlet Depth (ft)	
Well Diameter (in)	4"	Depth of Well (ft)	20.45
Initial/Static Depth to Water (ft)	7.69	Length of Water Column (ft)	12.76
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	8.29	Three Casing Volumes (gal)	24.88
Purge Time, Start		Purge Time, Stop	
Total Purge Time (minutes)		Purge Rate (gpm)	
Purge Volume (gal)		Depth to Water (ft) at Sampling	9.14

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 Pumped (gal)	Before Purge	8.3					At Sampling
TDS (ppm)	1.802	5.118					5.017
Turbidity (measured or visual) cloudy, clear, muddy	sl. cldy	sl. cldy					sl. cldy
Temperature (C)	27.07	25.80	DRY @ 9 gal purged				21.15
Conductivity (micromhos)	0.000	0.000					0.000
pH	7.70	7.41					7.64
Dissolved Oxygen (mg/L & %)	2.60	0.94					4.88
Comments:							
Depth to Water at End of Purge (ft)		15.73					
Drawdown (ft)		8.04					

MISCELLANEOUS DATA	
Condition of Traffic Box:	
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	
Comments:	Sampled at: 0800 (7/29)
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 7.69 + 0.2 * 8.04 = 9.30	

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

Job No: 15-01587		Date: 9/28/15	
Project/Location Malibu		Well Number: MW/4D	
Observation Period	Start: 0740 Stop: 1025	Survey Reference Point: TOC	
Sampled By: RP/DD		Witnessed By:	

PURGING DATA			
Type of Pump	Grav. S.	Pump Inlet Depth (ft)	15' below TOC
Well Diameter (in)	4	Depth of Well (ft)	148.20
Initial/Static Depth to Water (ft)	9.06	Length of Water Column (ft)	139.14
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	90.4	Three Casing Volumes (gal)	271.3
Purge Time, Start	0753	Purge Time, Stop	0932
Total Purge Time (minutes)	99	Purge Rate (gpm)	2.7
Purge Volume (gal)	270	Depth to Water (ft) at Sampling	

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	90	180	270			At Sampling
TDS (ppm)	0.667	1.592	1.622	1.631			1.618
Turbidity (measured or visual) cloudy, clear, muddy	clr	clr	clr	clr			clr
Temperature (C)	22.02	20.41	20.52	20.67			20.58
Conductivity (micromhos)	0.001 mS/cm	0.000	0.020	0.000			0.000
pH	7.46	6.98	7.15	7.29			7.19
Dissolved Oxygen (mg/L & %)	2.30	2.40	2.56	2.29			2.40
Comments:	0753	0925	0857	0932			0936
Depth to Water at End of Purge (ft)				8.69			
Drawdown (ft)				—			

MISCELLANEOUS DATA	
Condition of Traffic Box: Good	
Drum Identification labeling: Non-Hazardous Waste	
Water Level Indicator: Solinst Model 101	
Weather Conditions: Sunny, 70s	
Comments:	Sampled at: 0936
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery _____ + 0.2 * _____ = _____	

Start → 0945 am
End → 445 pm

3241 whole
Focals
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 ³ 1640	n/a
C-2	14.5	2	11.19	5.18	1205	5.11
CCPE	20	2	12.935	~~6.54~~ 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 ~~2~~	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	~~1000~~ 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	11.69	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
BaroDiver
→ 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	~~1109~~	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	16.66	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	~~THANK~~ 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

Mabba 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 ~~42~~	45	2		~~6.58~~ 6.68	1228	6.61
13	M6 ~~3~~ 1	20	2		6.17 ~~6.37~~	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		~~9.13~~ 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 H₂O high flow leak irrigation & Mollib 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	~~8.16~~ 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 Baro
3x's

Date 12-14-15

Start 0855
End- 1306

Table 1

Groundwater Monitoring Well Construction

(PS)

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

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	4.52	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 M7-4 (PS) (ID)	40	2		8.22	1140	8.09
15 M7-1 (PS) (ID)	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		8.06	1301	7.55
27 MCWP-MW05	158	4		6.39	0950	7.62

> check for
switch

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	~~10.00~~ 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	~~14.16~~ 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 ~~6.00~~	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"

DAILY FIELD SHEET

[illegible]

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>SMBRP-9</u>	
Observation Period Start: <u>1440</u> Stop: <u>1330</u>		Survey Reference Point: <u>TOC</u>	
Sampled By: <u>P. Shellenbayer</u>		Witnessed By: _____	

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

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	10 min	15 min	20 min	25 min	30 min	At Sampling
TDS (ppm) <u>9/L</u>	<u>2.23</u>	<u>2.21</u>	<u>2.20</u>	<u>2.21</u>			<u>2.21</u>
Turbidity (measured or visual) cloudy, clear, muddy	<u>Max</u>	<u>443</u>	<u>Max</u>	<u>Max</u>			<u>395</u>
Temperature (C)	<u>21.02</u>	<u>22.44</u>	<u>23.02</u>	<u>23.04</u>			<u>19.33</u>
Conductivity (micromhos)	<u>3.49</u>	<u>3.46</u>	<u>3.44</u>	<u>3.45</u>			<u>3.50</u>
pH	<u>7.96</u>	<u>7.64</u>	<u>7.64</u>	<u>7.68</u>			<u>7.83</u>
Dissolved Oxygen (mg/L & %)	<u>4.13</u>	<u>2.79</u>	<u>9.50</u>	<u>9.09</u>			<u>3.22</u>
ORP	<u>-896</u>	<u>-77</u>	<u>60</u>	<u>35</u>			<u>165</u>
Depth to Water at End of Purge (ft)				<u>45 ft</u>			
Drawdown (ft)				<u>6.14</u>			

MISCELLANEOUS DATA	
Condition of Traffic Box:	<u>Good</u> <u>Notes = slow Purge - 3 volumes Purged</u>
Drum Identification labeling:	<u>Non-Hazardous Waste</u>
Water Level Indicator:	<u>Solinst Model 101</u>
Weather Conditions:	<u>(00, Windy [NW], clear</u>
Comments: _____ Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery <u>38.86</u> + <u>0.2</u> * <u>6.14</u> = <u>40.08</u> Sampled at: <u>12-15-15</u> <u>0745</u> <u>Bacti - 0850</u>	

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

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

PURGING DATA			
		Screen interval 10-20	
Type of Pump	Grundfos - Submersible	Pump Inlet Depth (ft)	~~14.00~~ 10ft
Well Diameter (in)	4 inch	Depth of Well (ft)	20.25
Initial/Static Depth to Water (ft)	8.06	Length of Water Column (ft)	12.19
Product Thickness (ft)	_____	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	7.92	Three Casing Volumes (gal)	23.77
Purge Time, Start	1357	Purge Time, Stop	1422
Total Purge Time (minutes)	~~48~~ 25	Purge Rate (gpm)	0.4
Purge Volume (gal)	10 gal	Depth to Water (ft) at Sampling	13.26

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

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: _____ Sampled at: 12/15/15 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	

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)	1.86	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	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 Pumped (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	24	26	15	15	←————→		" "
Depth to Water at End of Purge (ft)				69.14			
Drawdown (ft)				0.33			

MISCELLANEOUS DATA	
Condition of Traffic Box: Box - Dirty (covered) w/ Dirt	
Drum Identification labeling: Non-Hazardous Waste	
Water Level Indicator: Solinst Model 101	
Weather Conditions: 50°F, windy, clear	
Comments: PS recovery fast → minimal Drawdown 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: IS-01587		Date: 12-15-15	
Project/Location: Malibu, CA		Well Number: SIMBRP-13	
Observation Period	Start: 1225 Stop: 1305	Survey Reference Point: TCC	
Sampled By: PS DD		Witnessed By: _____	

PURGING DATA			
Type of Pump	Grundfos - submer	Pump Inlet Depth (ft)	13.00
Well Diameter (in)	2 inch	Depth of Well (ft)	19.35
Initial/Static Depth to Water (ft)	6.87	Length of Water Column (ft)	12.48
Product Thickness (ft)	1.99	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1243	Three Casing Volumes (gal)	5.99
Purge Time, Start	10 mins	Purge Time, Stop	1253
Total Purge Time (minutes)	8 gallons	Purge Rate (gpm)	0.8 gpm
Purge Volume (gal)		Depth to Water (ft) at Sampling	6.87

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							
Purge Volume	Volume Pumped (gal)	Before Purge	1	2	3		At Sampling
TDS (ppm)		1.88	1.86	1.86	1.85		
Turbidity (measured or visual) cloudy, clear, muddy		190	108	62.2	33.4		
Temperature (C)		21.16	21.53	21.65	21.79		
Conductivity (micromhos)		294	290	291	288		
pH		7.58	7.58	7.56	7.53		
Dissolved Oxygen (mg/L & %)		5.27	2.67	2.77	1.21		
ORP	Comments:	124	118	113	112		
		Depth to Water at End of Purge (ft)					
		Drawdown (ft)					

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good ; some rust
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	NO 50°F, windy, clear
Comments:	NO Draw down
Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery 6.87 + 0.2 * 0 = 6.87	
Sampled at: 1253	

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

Job No: <u>15-01587</u>		Date: <u>12-15-15</u>	
Project/Location: <u>Malibu, CA</u>		Well Number: <u>SMBRP-7B</u>	
Observation Period Start: <u>10:30</u> Stop: <u>1430</u>		Survey Reference Point: <u>TOC</u>	
Sampled By: <u>PS DD</u>		Witnessed By: <u> </u>	

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

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

MISCELLANEOUS DATA	
Condition of Traffic Box: <u>OK; well TOC broken</u>	
Drum Identification labeling: <u>Non-Hazardous Waste</u>	
Water Level Indicator: <u>Solinst Model 101</u>	
Weather Conditions: <u>50°F, windy, clear</u>	
Comments: <u>excessive recharge; waited 45 mins</u> Sampled at: <u>1415</u> Well Recovery Calculation <u>slow to recharge</u> Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery <u>10.60</u> + 0.2 * <u>3.60</u> = <u>11.32</u>	

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

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

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

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							
Purge Volume Volume Pumped (gal)	Before Purge	1	2	3			At Sampling
TDS (ppm)	261	2.64	2.79	2.73	—	—	7
Turbidity (measured or visual) cloudy, clear, muddy	May	580	138	81.0			
Temperature (C)	15.35	17.05	17.63	19.05			D
Conductivity (micromhos)	4.07	4.09	4.34	4.27	—	—	D
pH	8.10	7.95	7.84	7.76			
Dissolved Oxygen (mg/L & %)	7.99	2.17	1.89	1.74			
0.88 / mV Comments:	-103	-90	-96	-103	—	—	D
Depth to Water at End of Purge (ft)				5.73			
Drawdown (ft)				0.43			

MISCELLANEOUS DATA	
Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	50°F, light wind, clear
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: <u>15-01587</u>		Date:	
Project/Location <u>Malibu, CA</u>		Well Number: <u>SMBRP-12</u>	
Observation Period Start: <u>0925</u> Stop: <u>1030</u>		Survey Reference Point: <u>TOC</u>	
Sampled By: <u>PS DD</u>		Witnessed By: <u> </u>	

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

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							
Purge Volume Volume Pumped (gal)	Before Purge	1	2	3			At Sampling
TDS (ppm)	<u>201</u>	<u>234</u>	<u>235</u>	<u>234</u>			
Turbidity (measured or visual) cloudy, clear, muddy	<u>82.5</u>	<u>60.3</u>	<u>58.4</u>	<u>62.3</u>			<u>→</u>
Temperature (C)	<u>19.93</u>	<u>21.88</u>	<u>22.45</u>	<u>22.62</u>			
Conductivity (micromhos)	<u>3.15</u>	<u>3.63</u>	<u>3.68</u>	<u>3.66</u>			
pH	<u>7.74</u>	<u>7.46</u>	<u>7.48</u>	<u>7.51</u>			<u>→</u>
Dissolved Oxygen (mg/L & %)	<u>2.08</u>	<u>1.56</u>	<u>1.89</u>	<u>1.59</u>			
<u>ORP</u> Comments:	<u>-127</u>	<u>-121</u>	<u>-118</u>	<u>-117</u>			<u>→</u>
Depth to Water at End of Purge (ft)				<u>7.14</u>			
Drawdown (ft)				<u>0.45</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>60°F, light wind, clear</u>
Comments: <u>Purge stabilize @ 7.16 after 2 minutes</u> Well Recovery Calculation Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery <u>6.71</u> + 0.2 * <u>0.45</u> = <u>6.80</u> <u>Stabilized</u>	
Sampled at: <u>~~0948~~ 0955</u>	