



2017 Annual Groundwater Monitoring Report

Laguna Compressor Station No. 6
Cibola County, New Mexico
AP-103

Transwestern Pipeline Company, LLC

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086241 | Report No 5 | April 4 2018



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1. Introduction

1.1 Introduction

GHD Services, Inc. is pleased to submit this 2017 Annual Groundwater Monitoring Report on behalf of Transwestern Pipeline Company, LLC (Transwestern). The Laguna Compressor Station No. 6 (hereafter referred to as the "Site") is located on the Pueblo of Laguna, approximately 1.5 miles southwest of Laguna, New Mexico in Cibola County. Geographical coordinates for the Site are 35° 1' 2.70" North and 107° 24' 15.82" West. A Site location map and site detail map are included as Figures 1 and 2, respectively. The Site is owned by Transwestern, an Energy Transfer company, and operated by Energy Transfer Company (ETC).

This report discusses the annual groundwater sampling, and post in situ enhanced biodegradation (ISEB) injection groundwater sampling results performed by GHD during 2017. The annual groundwater sampling event was performed March 20 through March 23, 2017. The ISEB post injection groundwater sampling events were performed June 5 and 6, September 6 and 7, and December 5 and 6, 2017.

1.2 Background

In March 1989, Daniel B. Stephens & Associates (DBS&A) was retained by Transwestern to investigate the hydrogeology at four compressor stations. A Consent Decree had been issued by the Environmental Protection Agency (EPA) due to the potential release of polychlorinated biphenyl (PCB) compounds in soils at these sites. Transwestern utilized synthetic lubricating oil containing Aroclor 1242 in a gas turbine, which may have impacted downstream elements of the Transwestern system. The potential PCB releases may have occurred from natural gas condensate liquid waste generated during pipeline cleaning operations.

The results of this initial investigation revealed the presence of PCBs and halogenated volatile organic compounds (VOCs) within a shallow perched aquifer beneath the Site. However, impacts to the regional water table were not found. The Consent Decree was terminated in late 1992 when the EPA concluded that Transwestern had met the terms and conditions of the Consent Decree. Following the termination of the Consent Decree, Transwestern came under the regulatory authority of the New Mexico Oil Conservation Division (NMOCD) and the Pueblo of Laguna (PoL) Department of Environmental and Natural Resources (DENR) for Site monitoring and remediation activities.

Constituents of concern (COCs) at the Site include benzene, 1,2 dichloroethane (1,2 DCA), vinyl chloride, 1,1,2,2 tetrachloroethylene (PCE), 1,1 dichloroethene (1,1 DCE), and PCBs.

A request to plug and abandon the core holes located at the Site and perform bench scale testing to enhance natural attenuation at the site was submitted to the PoL DENR and NMOCD in a work plan dated April 8, 2015. Subsequent approval of the work plan was provided by the PoL DENR in an email dated September 17, 2015.



A treatability study was conducted by GHD's Innovative Technologies Group (ITG) using representative samples of soil and groundwater collected from the Site. One representative soil sample consisting of 2 gallons of soil and one representative groundwater sample consisting of three gallons of groundwater were collected on October 26 and October 27, 2015.

The results of this study showed that the chlorinated volatile organic compounds (CVOC) can be treated under anaerobic conditions at the Site. Some treatment occurred without the addition of nutrients or a microbial inoculum; however, the data showed that the addition of nutrients was required in order for complete reductive de chlorination to occur. The addition of a microbial inoculum did not significantly increase the biodegradation rate of the CVOC and was not used.

It was recommended that anaerobic conditions be enhanced at the Site by the addition of EVO and nutrients. Approximately, 3 pounds of emulsified vegetable oil (EVO), 0.09 pound of Accelerite (a B12 nutrient similar to yeast extract), 0.03 pound of ammonium sulfate, and 0.003 pound of sodium phosphate would be required per cubic yard of saturated matrix.

GHD performed annual groundwater sampling August 2 to August 4, 2016 that included 24 monitoring wells and post ISEB treatment groundwater sampling was performed on December 14, 2016 that included seven monitoring wells.

GHD installed monitoring well MW 6-54 between existing wells 6-09 and 6-21 on September 7, 2016 to serve as an injection well for an ISEB pilot study.

GHD initiated a pilot study injection program to test the effectiveness of ISEB at the Site. Based on the results of the treatability study, EVO, yeast extract, and nutrients were injected via monitoring wells into groundwater on September 8, 9, 14 and 16, 2016 in order to try and enhance the biodegradation of COCs at the Site.

GHD applied the recommended dosage of EVO, yeast extract, and nutrients as prescribed from the ITG treatability study. Approximately 3 pounds of EVO, 0.09 pound of Accelerite (a B12 nutrient similar to yeast extract), 0.03 pound of ammonium sulfate (a fertilizer for alkaline soils), and 0.003 pound of sodium phosphate (a non-toxic water softener) were mixed per cubic yard of saturated matrix. Approximately 900 gallons of the solution was injected during the study.

The solution was either injected into monitoring well 6-09 or 6-54 using a small pump. Monitor wells used to assess the effectiveness of the injection included wells 6-9, 6-13, 6-21B, 6-21C, 6-22B, and 6-22C (see Figure 3).

1.3 Hydrogeology

The Site is underlain by unconsolidated aeolian and alluvial deposits, which are approximately 6 to 11 feet thick. The Jurassic age Bluff Sandstone occurs beneath these unconsolidated sediments. The Bluff can be divided into three sandstone zones based on the degree of weathering and fracturing. The upper weathered sandstone is weakly cemented, contains iron staining, and is roughly 1 foot thick. The middle sandstone is moderately to heavily fractured and approximately 10 to 15 feet thick. The lower sandstone zone is relatively un-fractured, well cemented, and about 110 feet thick.



A perched aquifer occurs within the upper two weathered and fractured zones in the Bluff Sandstone. The perched water table surface approximately coincides with the top of the Bluff Sandstone. Depths to perched water are generally 11 to 31 feet below ground surface (bgs) and the perched aquifer is approximately 15 feet thick across the Site.

The regional water table lies approximately 60 feet below the Site in the lower, well cemented Bluff Sandstone. No impacts to the regional aquifer were indicated by previous investigations.

2. Groundwater Monitoring Methodology and Analytical Results

2.1 Groundwater Monitoring Summary

The Annual groundwater monitoring event was performed at the Site by GHD March 20 through 23, 2017. The event included groundwater sampling from Site wells 6-06 through 6-19, clustered wells 6-20B and C, 6-21B and C, and 6-22B and C, 6-28, 6-33, 6-34, 6-36 through 6-48, 6-48B, 6-49, and 6-49B (Figure 2). The purpose of this sampling event was to assess if COC's were present in these wells, several of which hadn't been sampled for eight or more years.

Post ISEB injection monitoring events were conducted on June 5 and 6, September 6 and 7 and December 5 and 6, 2017. Wells 6-09, 6-13, 6-14, 6-21B, 6-21C, 6-22B, 6-22C and 6-40 were sampled to assess the effectiveness of the ISEB pilot study

A groundwater potentiometric surface map reflecting the March 2017 elevations is presented as Figure 3. During the March 2017 event, depth to groundwater ranged from 8.20 to 19.20 feet below top of well casing in gauged Site wells. Groundwater elevations ranged from 5860.54 feet to 5918.91 feet above mean sea level with a gradient of approximately 0.041 feet per foot between wells 6-34 and 6-28. The apparent groundwater flow at the Site is to the east and is consistent with historical data.

2.2 Groundwater Monitoring Methodology

Prior to collection of groundwater samples, depth to groundwater and total well depth was measured in each well to be sampled (Table 1). During the March 2017 sampling event, wells, as listed previously, were purged of three well volumes or until dry using dedicated, disposable, polyethylene bailers. Field parameters including pH, temperature, oxidation reduction potential (ORP), and conductivity were collected using a calibrated multi parameter groundwater quality meter. A summary of field parameters is presented in Table 2.

Groundwater samples were placed in laboratory prepared containers, packed on ice, and delivered under chain of custody documentation to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

Groundwater samples were analyzed for VOCs by EPA Method 8260 and PCBs by EPA Method 8082. Summaries of analytical results for VOCs and PCBs are presented in Tables 3 and 4, respectively. Samples from monitoring wells 6-09, 6-13, 6-14, 6-21B, 6-21C, 6-22B, 6-22C and 6-40



were also analyzed for total organic carbon (TOC) by EPA Method 9060 and dissolved gases; methane, ethane, and ethene by EPA Method SW8015M. Concentrations of TOC and dissolved gases is being performed to monitor the efficacy of the ISEB injection performed in late 2016. A summary of these analytes is presented in Table 5.

Additional groundwater samples were also collected in June, September and December 2017 to monitor post-ISEB concentrations. These samples were collected in the same manner as described above. Groundwater samples were analyzed by HEAL for VOCs by EPA Method 8260, PCBs by EPA Method 8082, TOC by EPA Method 9060 and dissolved gases; methane, ethane and ethene (by EPA Method SW8015M in June and September and RSK175 in December).

Purge water from the 2017 monitoring events was placed in labeled 55 gallon drums within secondary containment on Site.

2.3 Groundwater Monitoring Results

The New Mexico Water Quality Control Commission (NMWQCC) mandates that groundwater quality in New Mexico be protected. Groundwater quality standards can be found in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC). However, the PoL DENR requires that groundwater quality standards follow the National Primary and Drinking Water Standards set by the EPA based on the Safe Drinking Water Act. Analytical results from the Site are compared to the EPA Maximum Contaminate Levels (MCLs).

Results of 2017 groundwater sampling events are as follows:

- Benzene: The EPA MCL for benzene is 5 micrograms per liter (ug/L). The groundwater samples collected from monitoring wells 6-22B contained benzene concentrations exceeding the MCL. Concentrations ranged from 6.9 to 9.5 ug/L.
- Tetrachloroethene (PCE): The EPA MCL for PCE is 5 ug/L. The groundwater sample from monitoring well 6-19 contained PCE at a concentration of 8.5 ug/L.
- 1,2 Dichloroethane (DCA): The EPA MCL for 1,2 DCA is 5 ug/L. The groundwater sample from monitoring well 6-44 contained 1,2 DCA at a concentration of 10.0 ug/L.
- 1,1 DCA: The EPA MCL for 1,1 DCA is 25 ug/L. Groundwater samples collected from 10 monitoring wells (6-09, 6-12, 6-14, 6-21B, 6-21C, 6-22C, 6-40, 6-45, 6-46, and 6-47) contained 1,1 DCA at concentrations exceeding the MCL. Concentrations ranged from 25 to 130 ug/L.
- 1,1 Dichloroethene (DCE): The EPA MCL for 1,1 DCE is 7 ug/L. Groundwater samples collected from 14 monitoring wells (6-09, 6-12, 6-13, 6-14, 6-21B, 6-21C, 6-22C, 6-36, 6-40, 6-44, 6-45, 6-46, 6-47, and 6-49B) contained 1,1 DCE at concentrations exceeding the MCL. Concentrations ranged from 7.1 to 180 ug/L.
- Vinyl Chloride: The EPA MCL for vinyl chloride is 2 ug/L. The groundwater sample collected from 6-21C contained vinyl chloride at a concentration of 2.3 ug/L.
- PCBs: The EPA MCL for PCBs is 0.5 ug/L. Groundwater samples collected from eight monitoring wells (6-09, 6-10, 6-14, 6-20C, 6-21C, 6-22B, 6-22C, 6-40 and 6-41) contained PCBs at concentrations exceeding the MCL. Concentrations ranged from 1.3 ug/L to 970 ug/L.



- Carbon Tetrachloride: The EPA MCL for carbon tetrachloride is 5 ug/L. The groundwater sample collected from 6-19 contained carbon tetrachloride at a concentration of 35 ug/L.
- Chloroform: The EPA MCL for chloroform is 80 ug/L. The groundwater sample collected from 6-19 contained chloroform at a concentration of 230 ug/L.

Results of ISEB monitoring indicate that dissolved methane is increasing suggesting that anaerobic degradation of VOCs is occurring; however, sufficient levels of TOC have not been reached or sustained following the September 2016 injection of EVO within the area of remediation. Without increased levels of TOC in the remedial area VOC degradation will occur but not at an accelerated rate. In order to increase the levels of TOC in the remedial area, GHD is recommending monthly injections of EVO throughout 2018.

Copies of the Laboratory Analytical Reports for the 2017 monitoring events are included in Appendix A. Concentration maps detailing detections exceeding EPA MCLs have been included as Figures 4 and 5.

3. Summary and Recommendations

A summary of the events and findings from annual groundwater sampling, in situ enhanced biodegradation (ISEB) injection pilot study, and post ISEB injection groundwater sampling results performed by GHD during 2016 are as follows:

- Groundwater samples collected at the Site during 2017 still contain concentrations of various constituents of concern above the EPA MCLs.
- Levels of TOC in monitoring wells within the remedial area have not reached sufficient concentration to accelerate degradation of VOCs.

3.1 Recommendations

Based on the findings listed above, GHD recommends the following:

- Perform additional ISEB injection activities on a more regular basis.
- Perform post ISEB injection sampling of selected wells prior to monthly injection activities.
- Continuation of annual groundwater monitoring.



All of Which is Respectfully Submitted,
GHD

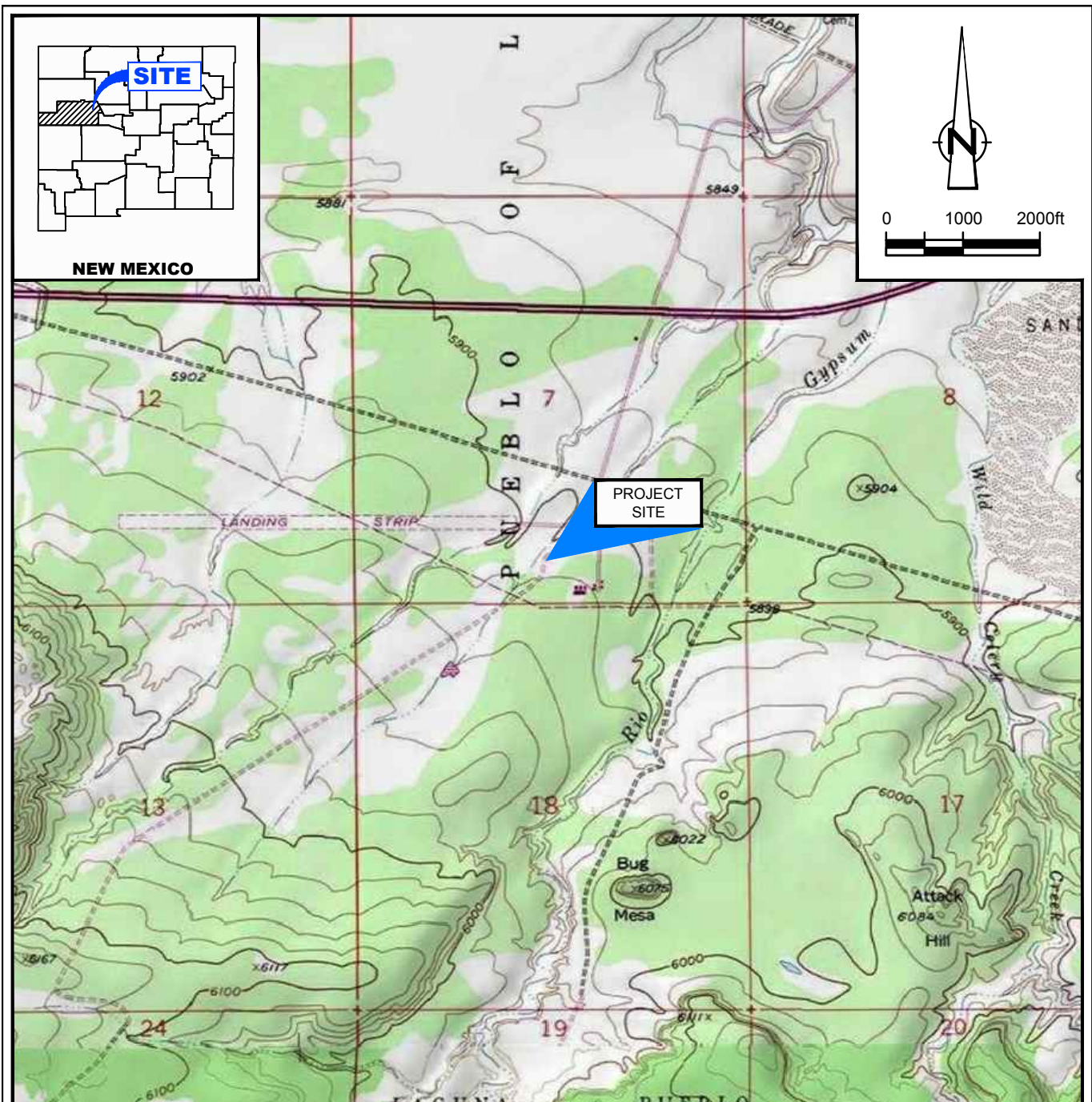
A handwritten signature in blue ink, reading 'Christine Mathews'.

Christine Mathews
Project Scientist/Coordinator

A handwritten signature in blue ink, reading 'Bernard Bockisch'.

Bernard Bockisch, PMP
Senior Project Manager

Figures



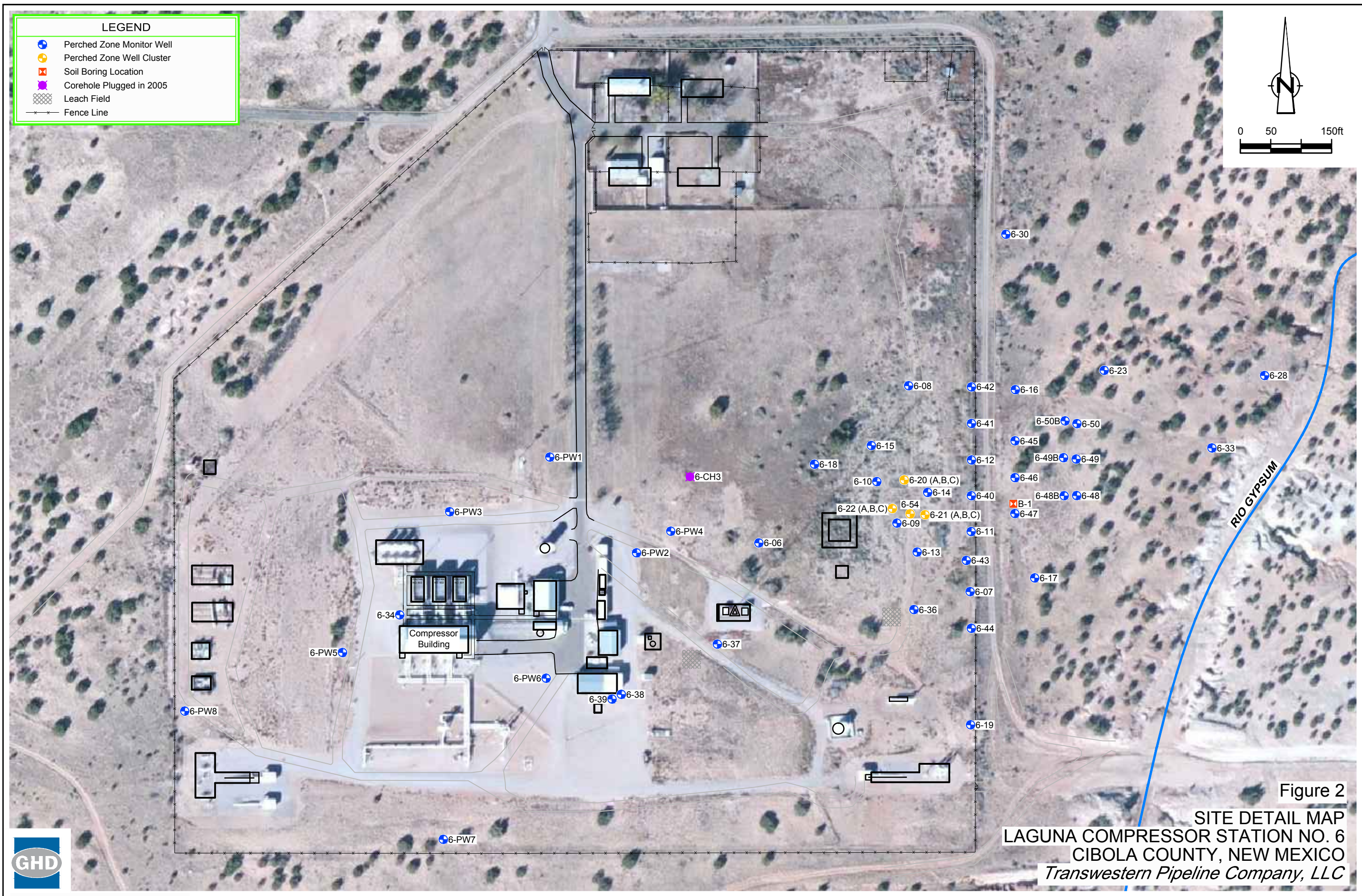
SOURCE: USGS 7.5 MINUTE QUAD
"LAGUNA, NEW MEXICO"

LAT/LONG: 35.0170° NORTH, 107.4020° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO WEST

Figure 1

SITE LOCATION MAP
LAGUNA COMPRESSOR STATION NO. 6
CIBOLA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC





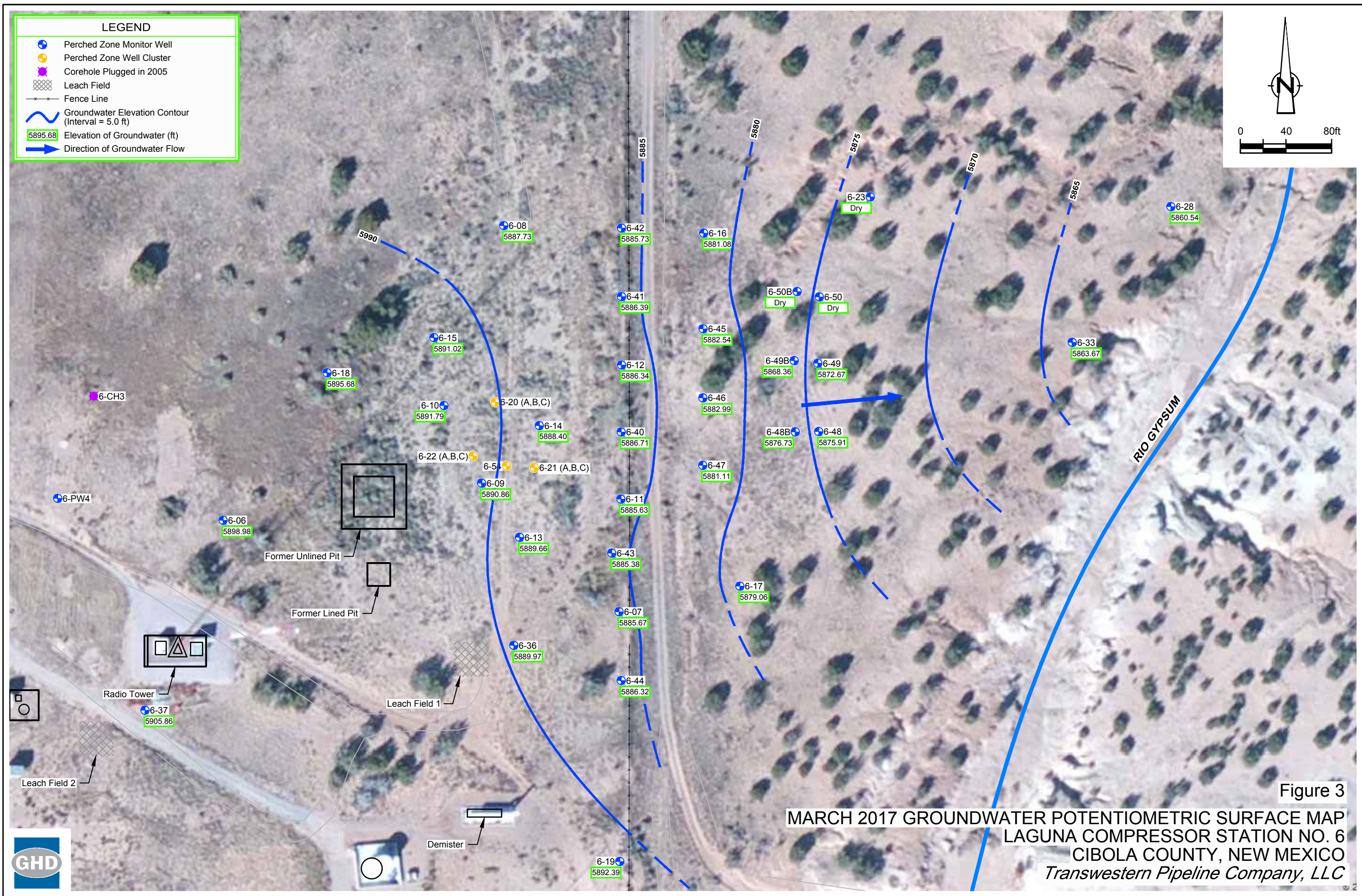
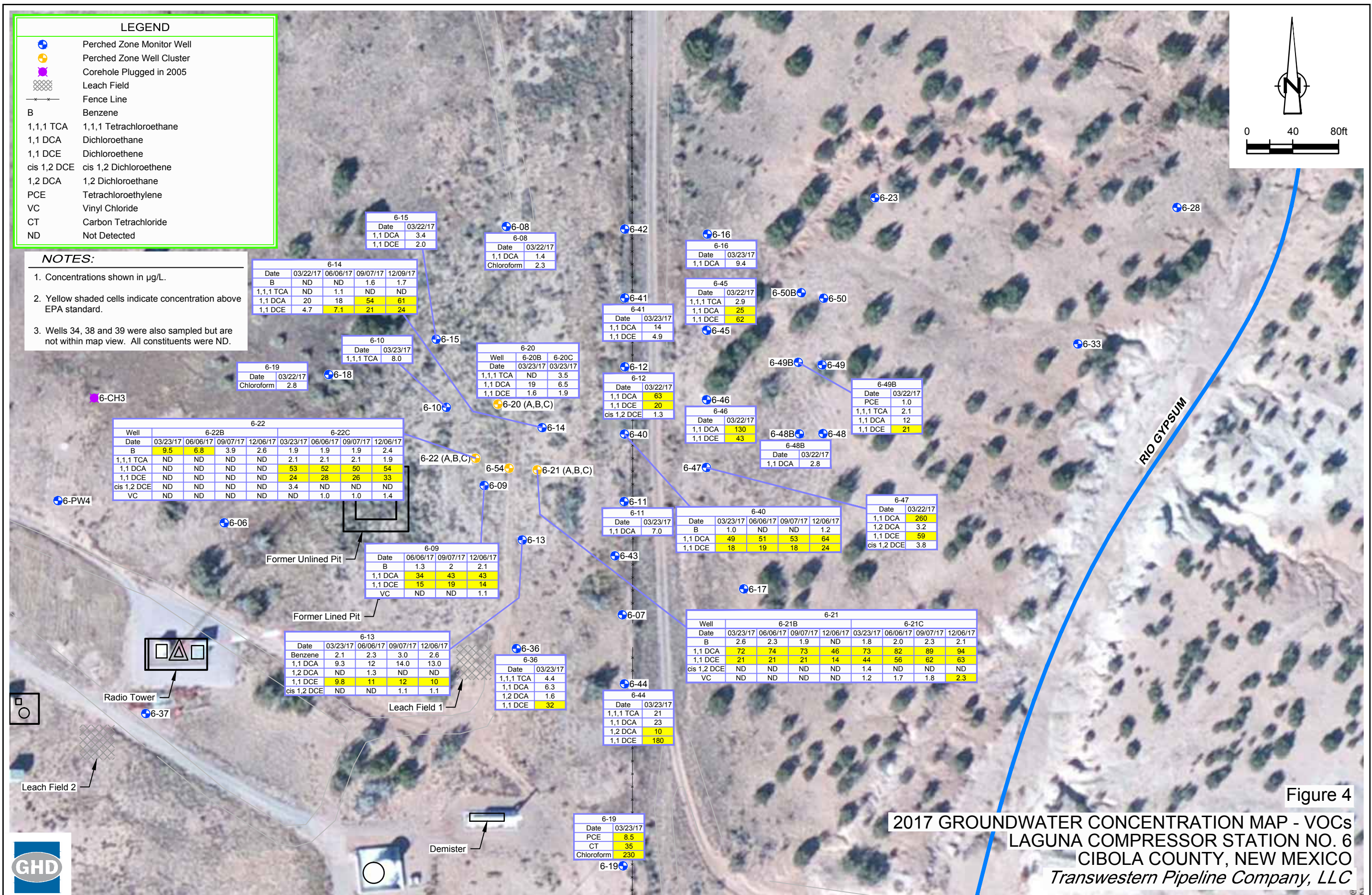


Figure 3
 MARCH 2017 GROUNDWATER POTENTIOMETRIC SURFACE MAP
 LAGUNA COMPRESSOR STATION NO. 6
 CIBOLA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC





Tables

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-06	5911.77	04/11/91	12.10	5899.67
		04/16/91	12.24	5899.53
		04/17/91	12.25	5899.52
		05/01/91	12.47	5899.30
		05/08/91	12.57	5899.20
		05/17/91	12.67	5899.10
		05/22/91	12.77	5899.00
		05/30/91	12.86	5898.91
		06/12/91	13.10	5898.67
		06/20/91	13.21	5898.56
		07/01/91	13.36	5898.41
		07/18/91	12.48	5899.29
		07/22/91	13.52	5898.25
		08/07/91	13.62	5898.15
		09/05/91	13.70	5898.07
		09/30/91	13.85	5897.92
		10/14/91	13.55	5898.22
		10/24/91	13.91	5897.86
		11/07/91	15.94	5895.83
		12/05/91	13.99	5897.78
		12/18/91	14.04	5897.73
		01/13/92	14.07	5897.70
		01/29/92	14.00	5897.77
		02/26/92	13.73	5898.04
		03/23/92	13.38	5898.39
		04/22/92	13.05	5898.72
		05/20/92	12.93	5898.84
		06/03/92	12.87	5898.90
		07/21/92	13.31	5898.46
		12/03/92	14.61	5897.16
		03/30/93	14.85	5896.92
		06/11/93	14.58	5897.19
		11/29/93	14.30	5897.47
		05/31/94	15.31	5896.46
		12/06/94	14.91	5896.86
		06/01/95	14.12	5897.65
		11/03/95	12.38	5899.39
		05/13/96	12.42	5899.35
		11/11/96	14.12	5897.65
		05/23/97	14.95	5896.82
		11/11/97	14.08	5897.69
		06/15/98	13.44	5898.33
		12/04/98	14.36	5897.41
		06/07/99	13.49	5898.28
		10/15/99	13.91	5897.86
		06/26/00	13.62	5898.15
		11/17/00	15.49	5896.28
		06/21/01	12.91	5898.86
		10/22/01	15.18	5896.59
		04/21/02	14.84	5896.93
		11/18/02	14.53	5897.24
		05/23/03	13.33	5898.44
		11/12/03	15.02	5896.75
		06/07/04	12.62	5899.15
		05/23/05	13.35	5898.42
		07/11/06	14.65	5897.12
		07/24/07	13.91	5897.86
		09/24/08	15.89	5895.88
		08/05/09	16.64	5895.13
		03/20/17	12.79	5898.98

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-07	5901.96	04/16/91	22.38	5879.58
		05/01/91	21.59	5880.37
		05/08/91	18.94	5883.02
		05/17/91	17.52	5884.44
		05/22/91	17.33	5884.63
		05/29/91	17.17	5884.79
		06/12/91	18.21	5883.75
		06/20/91	17.47	5884.49
		07/01/91	18.65	5883.31
		07/18/91	17.13	5884.83
		09/05/91	16.58	5885.38
		09/30/91	16.73	5885.23
		10/14/91	17.38	5884.58
		10/23/91	16.67	5885.29
		11/07/91	17.50	5884.46
		12/05/91	16.90	5885.06
		12/18/91	18.08	5883.88
		01/14/92	17.30	5884.66
		01/29/92	18.33	5883.63
		02/26/92	17.90	5884.06
		03/23/92	17.97	5883.99
		04/22/92	17.86	5884.10
		05/20/92	17.99	5883.97
		06/03/92	17.61	5884.35
		07/21/92	17.44	5884.52
		12/03/92	16.92	5885.04
		03/30/93	17.58	5884.38
		06/11/93	17.51	5884.45
		11/29/93	17.14	5884.82
		05/31/94	17.76	5884.20
		12/06/94	16.88	5885.08
		06/01/95	17.73	5884.23
		11/03/95	17.30	5884.66
		05/13/96	18.04	5883.92
		11/11/96	17.58	5884.38
		05/23/97	18.27	5883.69
		11/11/97	17.54	5884.42
		06/15/98	18.38	5883.58
		12/04/98	17.81	5884.15
		06/07/99	18.49	5883.47
		10/15/99	17.93	5884.03
		06/26/00	18.49	5883.47
		11/17/00	17.91	5884.05
		06/21/01	18.78	5883.18
		10/22/01	18.10	5883.86
		04/21/02	18.84	5883.12
		11/18/02	18.36	5883.60
		05/23/03	19.01	5882.95
		11/12/03	18.37	5883.59
		06/07/04	18.87	5883.09
		05/23/05	19.11	5882.85
		07/11/06	18.81	5883.15
		07/24/07	18.11	5883.85
		09/24/08	18.21	5883.75
		08/05/09	18.79	5883.17
		05/17/10	18.79	5883.17
		07/06/11	19.23	5882.73
		06/11/12	18.80	5883.16
		07/22/13	18.55	5883.41
		04/22/14	18.86	5883.10
		05/05/15	17.44	5884.52
		08/02/16	17.09	5884.87
		03/20/17	16.29	5885.67

Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-08	5898.31	04/11/91	10.70	5887.61
		04/16/91	10.72	5887.59
		04/17/91	10.70	5887.61
		05/01/91	10.65	5887.66
		05/08/91	10.65	5887.66
		05/17/91	10.57	5887.74
		05/22/91	10.58	5887.73
		05/29/91	10.49	5887.82
		06/12/91	10.46	5887.85
		06/20/91	10.48	5887.83
		07/01/91	10.33	5887.98
		07/18/91	10.42	5887.89
		09/05/91	10.94	5887.37
		09/30/91	10.80	5887.51
		10/14/91	10.83	5887.48
		10/24/91	10.92	5887.39
		11/07/91	11.02	5887.29
		12/05/91	11.15	5887.16
		12/18/91	11.16	5887.15
		01/14/92	11.14	5887.17
		01/29/92	11.08	5887.23
		02/26/92	10.87	5887.44
		03/23/92	10.67	5887.64
		04/22/92	10.57	5887.74
		05/20/92	10.59	5887.72
		06/05/92	10.59	5887.72
		07/21/92	11.27	5887.04
		12/03/92	12.08	5886.23
		03/30/93	11.64	5886.67
		06/11/93	11.56	5886.75
		11/29/93	13.82	5884.49
		05/31/94	12.68	5885.63
		12/06/94	13.85	5884.46
		06/01/95	12.55	5885.76
		11/03/95	13.78	5884.53
		05/13/96	12.04	5886.27
		11/11/96	12.24	5886.07
		05/23/97	11.78	5886.53
		11/11/97	13.78	5884.53
		06/15/98	12.54	5885.77
		12/04/98	14.28	5884.03
		06/07/99	13.03	5885.28
		10/15/99	13.96	5884.35
	5896.27	06/26/00	10.70	5885.57
		11/17/00	12.50	5883.77
		06/21/01	11.80	5884.47
		10/22/01	12.77	5883.50
		04/21/02	12.97	5883.30
		11/18/02	13.42	5882.85
		05/23/03	11.12	5885.15
		11/12/03	12.49	5883.78
		06/07/04	10.82	5885.45
		05/23/05	9.98	5886.29
		07/11/06	10.26	5886.01
		07/24/07	9.55	5886.72
		09/24/08	11.33	5884.94
		08/05/09	12.15	5884.12
		05/17/10	13.60	5882.67
		07/06/11	14.75	5881.52
		06/11/12	11.41	5884.86
		07/22/13	11.43	5884.84
		04/22/14	11.01	5885.26
		05/05/15	9.47	5886.80
		08/02/16	9.04	5887.23
		03/22/17	8.54	5887.73

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-09	5903.05	07/18/91	10.94	5892.11
		07/22/91	10.96	5892.09
		08/06/91	11.13	5891.92
		09/06/91	11.33	5891.72
		09/07/91	11.48	5891.57
		10/01/91	11.38	5891.67
		10/14/91	11.43	5891.62
		10/25/91	11.56	5891.49
	5902.77	11/08/91	11.50	5891.27
		12/06/91	11.32	5891.45
		12/18/91	11.33	5891.44
		01/13/92	11.33	5891.44
		01/15/92	11.65	5891.12
		01/31/92	11.53	5891.24
		02/27/92	11.38	5891.39
		03/25/92	11.20	5891.57
		04/24/92	11.00	5891.77
		05/20/92	10.66	5892.11
		06/09/92	11.08	5891.69
		07/22/92	11.09	5891.68
		12/03/92	11.96	5890.81
		03/30/93	12.13	5890.64
		06/11/93	11.96	5890.81
		11/29/93	13.10	5889.67
		05/31/94	12.45	5890.32
		12/06/94	13.09	5889.68
		06/01/95	12.80	5889.97
		11/03/95	13.05	5889.72
		05/13/96	15.75	5887.02
		11/11/96	12.40	5890.37
		05/23/97	12.55	5890.22
		11/12/97	12.79	5889.98
		06/15/98	12.16	5890.61
		12/04/98	13.28	5889.49
		06/07/99	12.33	5890.44
		10/15/99	12.62	5890.15
		06/26/00	12.40	5890.37
		11/17/00	13.23	5889.54
		06/21/01	12.20	5890.57
		10/22/01	13.11	5889.66
		04/21/02	13.07	5889.70
		11/18/02	13.04	5889.73
		05/23/03	12.28	5890.49
		11/12/03	13.21	5889.56
		06/07/04	11.91	5890.86
		05/23/05	11.48	5891.29
		07/11/06	12.50	5890.27
		07/24/07	11.96	5890.81
		09/24/08	13.18	5889.59
		08/05/09	13.36	5889.41
		05/17/10	12.88	5889.89
		07/06/11	12.99	5889.78
		06/11/12	12.03	5890.74
		07/22/13	13.12	5889.65
		04/22/14	12.48	5890.29
		05/05/15	11.09	5891.68
		08/02/16	11.38	5891.39
		12/13/16	12.28	5890.49
		03/20/17	11.91	5890.86
		06/05/17	11.70	5891.07
		09/06/17	11.83	5890.94
		12/05/17	12.64	5890.13

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-10	5902.06	07/18/91	10.60	5891.46
		07/22/91	10.64	5891.42
		08/06/91	10.81	5891.25
		09/06/91	11.02	5891.04
		10/01/91	11.14	5890.92
		10/14/91	11.18	5890.88
		10/24/91	11.27	5890.79
	5901.81	11/08/91	11.44	5890.37
		12/06/91	11.44	5890.37
		12/18/91	10.90	5890.91
		01/13/92	10.90	5890.91
		01/15/92	11.16	5890.65
		01/31/92	11.05	5890.76
		02/27/92	10.90	5890.91
		03/25/92	10.75	5891.06
		04/24/92	10.93	5890.88
		05/20/92	10.46	5891.35
		06/09/92	10.54	5891.27
		07/22/92	10.97	5890.84
		12/03/92	11.80	5890.01
		03/30/93	11.76	5890.05
		06/11/93	11.71	5890.10
		11/29/93	12.74	5889.07
		05/31/94	10.90	5889.46
		12/06/94	12.90	5888.91
		06/01/95	12.18	5889.63
		11/03/95	12.74	5889.07
		05/13/96	11.55	5890.26
		11/11/96	12.14	5889.67
		05/23/97	12.20	5889.61
		11/12/98	13.07	5888.74
		06/15/98	12.11	5889.70
		12/04/98	12.99	5888.82
		06/07/99	12.24	5889.57
		10/15/99	12.67	5889.14
		06/26/00	12.38	5889.43
		11/17/00	13.37	5888.44
		06/21/01	12.23	5889.58
		10/22/01	13.24	5888.57
		04/21/02	12.96	5888.85
		11/18/02	13.15	5888.66
		05/23/03	12.10	5889.71
		11/12/03	13.33	5888.48
		06/07/04	11.92	5889.89
		05/23/05	11.25	5890.56
		07/11/06	12.55	5889.26
		07/24/07	11.86	5889.95
		09/24/08	13.32	5888.49
		08/05/09	13.89	5887.92
		05/17/10	12.89	5888.92
		07/06/11	13.19	5888.62
		06/11/12	12.04	5889.77
		07/22/13	13.20	5888.61
		04/22/14	12.28	5889.53
		05/05/15	9.46	5892.35
		08/02/16	10.71	5891.10
		03/20/17	10.02	5891.79

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-11	5901.62	09/06/91	25.32	5876.30
		09/30/91	14.47	5887.15
		10/14/91	14.60	5887.02
		10/23/91	14.26	5887.36
		11/07/91	14.52	5887.10
	5901.49	12/05/91	14.55	5886.94
		12/18/91	15.02	5886.47
		01/13/92	15.02	5886.47
		01/14/92	14.79	5886.70
		01/29/92	15.42	5886.07
		02/27/92	15.61	5885.88
		03/23/92	15.44	5886.05
		04/22/92	15.32	5886.17
		05/20/92	15.30	5886.19
		06/03/92	15.01	5886.48
		07/21/92	14.72	5886.77
		12/03/92	14.44	5887.05
		03/30/93	14.45	5887.04
		06/11/93	15.36	5886.13
		11/29/93	15.19	5886.30
		05/31/94	15.02	5886.47
		12/06/94	15.49	5886.00
		06/01/95	16.05	5885.44
		11/03/95	15.48	5886.01
		05/13/96	16.23	5885.26
		11/11/96	15.48	5886.01
		05/23/97	16.06	5885.43
		11/11/97	15.36	5886.13
		06/15/98	16.41	5885.08
		12/04/98	15.86	5885.63
		06/07/99	16.65	5884.84
		10/15/99	15.96	5885.53
		06/26/00	16.42	5885.07
		11/17/00	15.93	5885.56
		06/21/01	17.14	5884.35
		10/22/01	16.26	5885.23
		04/21/02	17.36	5884.13
		11/18/02	16.83	5884.66
		05/23/03	17.60	5883.89
		11/12/03	16.48	5885.01
		06/07/04	17.01	5884.48
		05/23/05	16.66	5884.83
		07/11/06	15.98	5885.51
		07/26/07	15.50	5885.99
		09/24/08	NM	--
		08/05/09	NM	--
		05/17/10	NM	--
		07/06/11	NM	--
		06/11/12	NM	--
		07/22/13	NM	--
		05/05/15	DRY	--
		08/02/16	15.08	5886.41
		03/20/17	15.86	5885.63

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-12	5898.95	09/07/91	12.08	5886.87
		10/01/91	12.24	5886.71
		10/14/91	12.28	5886.67
		10/23/91	12.36	5886.59
		11/07/91	12.44	5886.51
		12/05/91	12.59	5886.36
		12/18/91	12.60	5886.35
		01/13/92	12.60	5886.35
		01/14/92	12.59	5886.36
		01/30/92	12.61	5886.34
	5898.85	02/27/92	12.04	5886.81
		03/24/92	12.26	5886.59
		04/22/92	12.18	5886.67
		05/20/92	12.17	5886.68
		06/08/92	12.13	5886.72
		07/21/92	12.52	5886.33
		12/03/92	13.10	5885.75
		03/30/93	12.88	5885.97
		06/11/93	12.74	5886.11
		11/29/93	14.63	5884.22
		05/31/94	12.60	5885.27
		12/06/94	14.06	5884.79
		06/01/95	13.29	5885.56
		11/03/95	14.11	5884.74
		05/13/96	13.25	5885.60
		11/11/96	13.51	5885.34
		05/23/97	13.28	5885.57
		11/12/97	14.78	5884.07
		06/15/98	13.65	5885.20
		12/04/98	15.06	5883.79
		06/07/99	13.95	5884.90
		10/15/99	14.75	5884.10
		06/26/00	14.09	5884.76
		11/17/00	16.31	5882.54
		06/21/01	14.88	5883.97
		10/22/01	16.19	5882.66
		04/21/02	15.65	5883.20
		11/18/02	16.98	5881.87
		05/23/03	14.41	5884.44
		11/12/03	15.97	5882.88
		06/07/04	14.01	5884.84
		05/23/05	13.47	5885.38
		07/11/06	13.94	5884.91
		07/24/07	13.55	5885.30
		09/24/08	15.27	5883.58
		08/05/09	16.81	5882.04
		05/17/10	18.43	5880.42
		07/06/11	NM	--
		06/11/12	17.00	5881.85
		07/22/13	15.54	5883.31
		04/22/14	15.26	5883.59
		05/05/15	13.63	5885.22
		08/02/16	12.79	5886.06
		03/20/17	12.51	5886.34

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-13	5902.93	11/22/91	22.20	5880.73
		11/26/91	17.80	5885.13
		12/05/91	20.85	5882.08
		12/18/91	13.80	5889.13
		01/13/92	13.80	5889.13
		01/14/92	12.82	5890.11
		01/29/92	13.76	5889.17
		02/27/92	13.66	5889.27
		03/23/92	13.67	5889.26
		04/22/92	13.43	5889.50
		05/20/92	13.34	5889.59
		06/03/92	12.97	5889.96
		07/21/92	12.61	5890.32
		12/03/92	12.56	5890.37
		03/30/93	13.66	5889.27
		06/11/93	13.49	5889.44
		11/29/93	13.26	5889.67
		05/31/94	13.80	5888.76
		12/06/94	13.66	5889.27
		06/01/95	14.26	5888.67
		11/03/95	13.64	5889.29
		05/13/96	14.54	5888.39
		11/11/96	13.64	5889.29
		05/23/97	14.55	5888.38
		11/12/97	13.67	5889.26
		06/15/98	14.58	5888.35
		12/04/98	13.93	5889.00
		06/07/99	14.85	5888.08
		10/15/99	14.02	5888.91
	5900.76	06/26/00	12.34	5888.42
		11/17/00	11.68	5889.08
		06/21/01	12.97	5887.79
		10/22/01	11.97	5888.79
		04/21/02	12.99	5887.77
		11/18/02	12.38	5888.38
		05/23/03	13.41	5887.35
		11/12/03	12.44	5888.32
		06/07/04	13.00	5887.76
		05/23/05	12.48	5888.28
		07/11/06	11.86	5888.90
		07/24/07	11.23	5889.53
		09/24/08	11.93	5888.83
		08/05/09	12.72	5888.04
		05/17/10	13.03	5887.73
		07/06/11	13.32	5887.44
		06/11/12	13.05	5887.71
		07/22/13	12.27	5888.49
		05/05/15	11.89	5888.87
		08/02/16	10.43	5890.33
		12/13/16	10.63	5890.13
		03/20/17	11.25	5889.51
		06/05/17	10.73	5890.03
		09/06/17	10.63	5890.13
		12/05/17	11.10	5889.66

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-14	5901.34	11/22/91	12.67	5888.67
		11/26/91	12.60	5888.74
		12/06/91	12.70	5888.64
		12/18/91	12.66	5888.68
		01/13/92	12.66	5888.68
		01/15/92	13.06	5888.28
		01/30/92	12.97	5888.37
		02/27/92	13.01	5888.33
		03/24/92	12.83	5888.51
		04/23/92	12.69	5888.65
		05/20/92	12.48	5888.86
		06/09/92	12.40	5888.94
		07/21/92	12.48	5888.86
		12/03/92	13.26	5888.08
		03/30/93	13.49	5887.85
		06/11/93	13.16	5888.18
		11/29/93	14.56	5886.78
		05/31/94	12.66	5887.31
		12/06/94	14.25	5887.09
		06/01/95	13.58	5887.76
		11/03/95	14.13	5887.21
		05/13/96	13.17	5888.17
		11/11/96	13.41	5887.93
		05/23/97	13.38	5887.96
		11/12/97	14.45	5886.89
		06/15/98	13.71	5887.63
		12/04/98	14.69	5886.65
		06/07/99	13.97	5887.37
		10/15/99	14.22	5887.12
		06/26/00	13.69	5887.65
		11/17/00	15.13	5886.21
		06/21/01	14.19	5887.15
		10/22/01	14.85	5886.49
		04/21/02	14.82	5886.52
		11/18/02	15.17	5886.17
		05/23/03	13.93	5887.41
		11/12/03	14.91	5886.43
		06/07/04	13.48	5887.86
		05/23/05	13.03	5888.31
		07/11/06	13.78	5887.56
		07/24/07	13.06	5888.28
		09/24/08	14.75	5886.59
		08/05/09	15.47	5885.87
		05/17/10	15.12	5886.22
		07/06/11	15.20	5886.14
		06/11/12	14.22	5887.12
		07/22/13	14.84	5886.50
		04/22/14	14.47	5886.87
		05/05/15	15.03	5886.31
		08/02/16	12.68	5888.66
		12/13/16	13.44	5887.90
		03/20/17	12.94	5888.40
		06/05/17	12.32	5889.02
		09/06/17	13.47	5887.87
		12/05/17	14.15	5887.19

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-15	5901.08	11/22/91	11.14	5889.94
		11/26/91	11.20	5889.88
		12/05/91	11.24	5889.84
		12/18/91	11.18	5889.90
		01/13/92	11.18	5889.90
		01/14/92	11.15	5889.93
		01/30/92	11.12	5889.96
		02/27/92	10.92	5890.16
		03/24/92	10.68	5890.40
		04/23/92	10.53	5890.55
		05/20/92	10.50	5890.58
		06/08/92	10.51	5890.57
		07/21/92	11.14	5889.94
		12/03/92	11.70	5889.38
		03/30/93	11.57	5889.51
		06/11/93	11.63	5889.45
		11/29/93	12.72	5888.36
		05/31/94	11.18	5888.88
		12/06/94	12.90	5888.18
		06/01/95	12.04	5889.04
		11/03/95	12.72	5888.36
		05/13/96	11.51	5889.57
		11/11/96	11.95	5889.13
		05/23/97	11.97	5889.11
		11/11/97	12.97	5888.11
		06/15/98	11.95	5889.13
		12/04/98	12.84	5888.24
		06/07/99	12.00	5889.08
		10/15/99	12.45	5888.63
		06/26/00	12.21	5888.87
		11/17/00	13.43	5887.65
		06/21/01	12.18	5888.90
		10/22/01	13.09	5887.99
		04/21/02	12.61	5888.47
		11/18/02	13.07	5888.01
		05/23/03	11.94	5889.14
		11/12/03	13.17	5887.91
		06/07/04	11.79	5889.29
		05/23/05	11.34	5889.74
		07/11/06	12.28	5888.80
		07/24/07	11.77	5889.31
		09/24/08	12.98	5888.10
		08/05/09	13.64	5887.44
		05/17/10	12.93	5888.15
		07/06/11	13.12	5887.96
		06/11/12	11.84	5889.24
		07/22/13	12.67	5888.41
		05/05/15	10.68	5890.40
		08/02/16	10.72	5890.36
		03/20/17	10.06	5891.02

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-16	5894.32	06/02/92	10.50	5883.82
		06/03/92	10.52	5883.80
		06/05/92	10.46	5883.86
		06/08/92	10.48	5883.84
		07/21/92	10.74	5883.58
		08/27/92	11.50	5882.82
		12/03/92	12.76	5881.56
		03/30/93	12.42	5881.90
		06/11/93	11.96	5882.36
		11/29/93	13.70	5880.62
		05/31/94	14.39	5879.93
		12/06/94	13.47	5880.85
		06/01/95	13.23	5881.09
		11/03/95	14.72	5879.60
		05/13/96	14.79	5879.53
		11/11/96	13.42	5880.90
		05/23/97	12.73	5881.59
		11/11/97	14.34	5879.98
		06/15/98	14.76	5879.56
		12/03/98	15.56	5878.76
		06/07/99	16.08	5878.24
		10/15/99	16.03	5878.29
		06/26/00	16.57	5877.75
		11/17/00	16.04	5878.28
		06/21/01	17.38	5876.94
		10/22/01	17.60	5876.72
		04/21/02	17.99	5876.33
		11/18/02	17.83	5876.49
		05/23/03	18.82	5875.50
		11/12/03	18.53	5875.79
		06/07/04	18.88	5875.44
		05/23/05	18.68	5875.64
		07/11/06	16.24	5878.08
		07/24/07	13.13	5881.19
		09/24/08	14.69	5879.63
		08/05/09	15.80	5878.52
		05/17/10	16.83	5877.49
		07/06/11	18.36	5875.96
		06/11/12	18.99	5875.33
		07/22/13	21.43	5872.89
		04/22/14	21.64	5872.68
		05/05/15	21.08	5873.24
		08/02/16	13.44	5880.88
		03/20/17	13.24	5881.08

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-17	5898.26	06/02/92	24.59	5873.67
		06/03/92	24.35	5873.91
		06/04/92	24.57	5873.69
		06/05/92	24.00	5874.26
		06/08/92	24.54	5873.72
		07/21/92	21.46	5876.80
		08/31/92	20.26	5878.00
		09/01/92	22.88	5875.38
		12/03/92	19.61	5878.65
		03/30/93	19.84	5878.42
		06/11/93	19.71	5878.55
		11/29/93	19.18	5879.08
		05/31/94	19.39	5878.87
		12/06/94	18.74	5879.52
		06/01/95	18.95	5879.31
		11/03/95	18.64	5879.62
		05/13/96	18.96	5879.30
		11/11/96	18.58	5879.68
		05/23/97	18.93	5879.33
		11/11/97	18.38	5879.88
		06/15/98	18.93	5879.33
		12/03/98	18.42	5879.84
		06/07/99	18.88	5879.38
		10/15/99	18.54	5879.72
		06/26/00	18.85	5879.41
		11/17/00	18.34	5879.92
		06/21/01	19.02	5879.24
		10/22/01	18.56	5879.70
		04/21/02	19.92	5878.34
		11/18/02	18.62	5879.64
		05/23/03	19.09	5879.17
		11/12/03	18.65	5879.61
		06/07/04	19.03	5879.23
		05/23/05	19.17	5879.09
		07/11/06	19.20	5879.06
		07/24/07	19.21	5879.05
		09/24/08	18.95	5879.31
		08/05/09	19.02	5879.24
		05/17/10	19.12	5879.14
		07/06/11	19.19	5879.07
		06/11/12	19.10	5879.16
		07/22/13	19.07	5879.19
		05/05/15	19.18	5879.08
		08/02/16	19.19	5879.07
		03/20/17	19.20	5879.06

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-18	5904.70	06/02/92	10.03	5894.67
		06/08/92	10.09	5894.61
		07/21/92	10.82	5893.88
		08/27/92	11.10	5893.60
		12/03/92	11.48	5893.22
		03/30/93	11.41	5893.29
		06/11/93	11.69	5893.01
		11/29/93	11.55	5893.15
		05/31/94	11.93	5892.77
		12/06/94	11.87	5892.83
		06/01/95	11.45	5893.25
		11/03/95	11.11	5893.59
		05/13/96	10.02	5894.68
		11/11/96	10.99	5893.71
		05/23/97	11.47	5893.23
		11/11/97	11.66	5893.04
		06/15/98	10.94	5893.76
		12/04/98	11.44	5893.26
		06/07/99	10.77	5893.93
		10/15/99	11.30	5893.40
		06/26/00	11.34	5893.36
		11/17/00	12.35	5892.35
		06/21/01	10.88	5893.82
		10/22/01	12.00	5892.70
		04/21/02	11.76	5892.94
		11/18/02	11.71	5892.99
		05/23/03	10.82	5893.88
		11/12/03	12.29	5892.41
		06/07/04	10.41	5894.29
		05/23/05	9.55	5895.15
		07/11/06	11.26	5893.44
		07/24/07	10.70	5894.00
		09/24/08	12.27	5892.43
		08/05/09	13.05	5891.65
		05/05/15	9.20	5895.50
		08/02/16	9.58	5895.12
		03/20/17	9.02	5895.68

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-19	5906.62	06/02/92	13.24	5893.38
		06/03/92	21.72	5884.90
		06/04/92	22.69	5883.93
		06/05/92	18.52	5888.10
		06/08/92	15.87	5890.75
		07/21/92	13.89	5892.73
		08/31/92	13.74	5892.88
		09/01/92	15.05	5891.57
		12/03/92	14.91	5891.71
		03/30/93	16.66	5889.96
		06/11/93	15.56	5891.06
		11/29/93	16.42	5890.20
		05/31/94	15.01	5891.61
		12/06/94	14.99	5891.63
		06/01/95	14.06	5892.56
		11/03/95	15.51	5891.11
		05/13/96	16.62	5890.00
		11/11/96	17.06	5889.56
		05/23/97	17.62	5889.00
		11/11/97	16.59	5890.03
		06/15/98	17.16	5889.46
		12/04/98	17.95	5888.67
		06/07/99	18.43	5888.19
		10/15/99	18.14	5888.48
		06/26/00	18.66	5887.96
		11/17/00	17.61	5889.01
		06/21/01	17.50	5889.12
		10/22/01	17.33	5889.29
		04/21/02	18.08	5888.54
		11/18/02	18.00	5888.62
		05/23/03	17.65	5888.97
		11/12/03	17.75	5888.87
		06/07/04	16.70	5889.92
		05/23/05	16.40	5890.22
		07/11/06	16.30	5890.32
		07/24/07	15.23	5891.39
		09/24/08	16.96	5889.66
		08/05/09	17.56	5889.06
		05/17/10	17.41	5889.21
		07/06/11	16.36	5890.26
		06/11/12	14.83	5891.79
		07/22/13	16.00	5890.62
		04/22/14	16.29	5890.33
		05/05/15	15.48	5891.14
		08/02/16	14.43	5892.19
		03/20/17	14.23	5892.39

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-20A	5900.57	06/29/92	29.35	5871.22
		06/11/93	DRY	--
		11/29/93	DRY	--
		05/30/94	DRY	--
		12/06/94	DRY	--
		06/01/95	DRY	--
		11/03/95	32.81	5867.76
		05/13/96	DRY	--
		11/11/96	DRY	--
		05/23/97	DRY	--
		11/11/97	DRY	--
		06/15/98	DRY	--
		12/04/98	32.96	5867.61
		06/07/99	DRY	--
		10/15/99	32.85	5867.72
		06/26/00	32.78	5867.79
		11/17/00	32.73	5867.84
		06/21/01	32.65	5867.92
		10/22/01	32.62	5867.95
		04/21/02	32.56	5868.01
		11/18/02	32.51	5868.06
		05/23/03	32.45	5868.12
		11/12/03	32.41	5868.16
		06/07/04	32.35	5868.22
		05/23/05	32.22	5868.35
		07/11/06	32.15	5868.42
		07/24/07	32.03	5868.54
		09/24/08	31.90	5868.67
		08/05/09	31.76	5868.81
		05/17/10	31.68	5868.89
		07/06/11	31.59	5868.98
		06/11/12	31.50	5869.07
		07/22/13	31.38	5869.19
		05/05/15	31.26	5869.31
		08/02/16	NM	--
		03/20/17	31.09	5869.48

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-20B	5900.67	06/29/92	21.43	5879.24
		07/22/92	21.05	5879.62
		07/23/92	23.84	5876.83
		08/28/92	20.64	5880.03
		08/31/92	22.03	5878.64
		09/01/92	21.59	5879.08
		12/03/92	11.30	5889.37
		03/30/93	20.32	5880.35
		06/11/93	11.86	5888.81
		11/29/93	12.27	5888.40
		05/31/94	12.25	5888.42
		12/06/94	12.15	5888.52
		06/01/95	20.77	5879.90
		11/03/95	11.96	5888.71
		05/13/96	16.66	5884.01
		11/11/96	11.68	5888.99
		05/23/97	12.01	5888.66
		11/11/97	12.33	5888.34
		06/15/98	14.07	5886.60
		12/04/98	20.72	5879.95
		06/07/99	15.86	5884.81
		10/15/99	12.09	5888.58
		06/26/00	14.13	5886.54
		11/17/00	12.65	5888.02
		06/21/01	14.45	5886.22
		10/22/01	19.27	5881.40
		04/21/02	13.65	5887.02
		11/18/02	17.15	5883.52
		05/23/03	13.65	5887.02
		11/12/03	13.50	5887.17
		06/07/04	15.56	5885.11
		05/23/05	13.83	5886.84
		07/11/06	12.51	5888.16
		07/24/07	11.44	5889.23
		09/24/08	12.50	5888.17
		08/05/09	15.22	5885.45
		05/17/10	14.32	5886.35
		07/06/11	13.95	5886.72
		06/11/12	13.51	5887.16
		07/22/13	13.18	5887.49
		04/22/14	13.56	5887.11
		05/05/15	11.49	5889.18
		08/02/16	10.57	5890.10
		03/20/17	11.36	5889.31

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-20C	5900.70	06/29/92	10.81	5889.89
		07/17/92	11.02	5889.68
		07/21/92	11.04	5889.66
		07/22/92	11.04	5889.66
		07/23/92	11.06	5889.64
		08/28/92	11.21	5889.49
		12/03/92	11.66	5889.04
		03/30/93	11.58	5889.12
		06/11/93	11.48	5889.22
		11/29/93	12.48	5888.22
		05/31/94	11.82	5888.88
		12/06/94	12.39	5888.31
		06/01/95	11.71	5888.99
		11/03/95	12.42	5888.28
		05/13/96	11.45	5889.25
		11/11/96	11.99	5888.71
		05/23/97	11.91	5888.79
		11/12/97	12.75	5887.95
		06/15/98	11.89	5888.81
		12/04/98	12.70	5888.00
		06/07/99	12.04	5888.66
		10/15/99	12.49	5888.21
		06/26/00	12.24	5888.46
		11/17/00	13.36	5887.34
		06/21/01	12.14	5888.56
		10/22/01	13.06	5887.64
		04/21/02	12.55	5888.15
		11/18/02	12.93	5887.77
		05/23/03	12.02	5888.68
		11/12/03	13.16	5887.54
		06/07/04	11.91	5888.79
		05/23/05	11.42	5889.28
		07/11/06	12.47	5888.23
		07/24/07	11.74	5888.96
		09/24/08	13.19	5887.51
		08/05/09	13.94	5886.76
		05/17/10	12.98	5887.72
		07/06/11	13.44	5887.26
		06/11/12	12.34	5888.36
		07/22/13	13.23	5887.47
		04/22/14	12.40	5888.30
		05/05/15	11.07	5889.63
		08/02/16	DRY	--
		03/20/17	10.75	5889.95

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-21A	5901.50	07/23/92	32.52	5868.98
		12/03/92	32.69	5868.81
		06/11/93	DRY	--
		11/29/93	32.68	5868.82
		05/31/94	32.55	5868.95
		12/06/94	32.77	5868.73
		06/01/95	32.66	5868.84
		11/03/95	32.84	5868.66
		05/13/96	32.69	5868.81
		11/11/96	NM	--
		05/23/97	32.45	5869.05
		11/11/97	32.70	5868.80
		06/15/98	DRY	--
		12/04/98	32.48	5869.02
		06/07/99	32.44	5869.06
		10/15/99	32.37	5869.13
		06/26/00	32.29	5869.21
		11/17/00	32.24	5869.26
		06/21/01	32.17	5869.33
		10/22/01	32.16	5869.34
		04/21/02	32.09	5869.41
		11/18/02	32.03	5869.47
		05/23/03	31.98	5869.52
		11/12/03	31.95	5869.55
		06/07/04	31.89	5869.61
		05/23/05	31.76	5869.74
		07/11/06	31.68	5869.82
		07/24/07	31.53	5869.97
		09/24/08	31.42	5870.08
		08/05/09	31.29	5870.21
		05/17/10	31.22	5870.28
		07/06/11	31.12	5870.38
		06/11/12	31.03	5870.47
		07/22/13	30.92	5870.58
		05/05/15	30.75	5870.75
		08/02/16	NM	--
		03/20/17	30.54	5870.96

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-21B	5901.51	07/22/92	12.22	5889.29
		07/23/92	21.94	5879.57
		08/28/92	19.36	5882.15
		08/31/92	17.42	5884.09
		09/01/92	15.34	5886.17
		12/03/92	12.61	5888.90
		03/30/93	12.85	5888.66
		06/11/93	12.57	5888.94
		11/29/93	13.46	5888.05
		05/31/94	13.04	5888.47
		12/06/94	13.26	5888.25
		06/01/95	12.69	5888.82
		11/03/95	13.11	5888.40
		05/13/96	12.65	5888.86
		11/11/96	12.91	5888.60
		05/23/97	12.82	5888.69
		11/11/97	13.30	5888.21
		06/15/98	13.01	5888.50
		12/04/98	13.56	5887.95
		06/07/99	13.20	5888.31
		10/15/99	13.15	5888.36
		06/26/00	13.04	5888.47
		11/17/00	13.87	5887.64
		06/21/01	13.37	5888.14
		10/22/01	13.59	5887.92
		04/21/02	13.85	5887.66
		11/18/02	13.97	5887.54
		05/23/03	13.37	5888.14
		11/12/03	13.65	5887.86
		06/07/04	13.14	5888.37
		05/23/05	12.80	5888.71
		07/11/06	13.01	5888.50
		07/24/07	12.43	5889.08
		09/24/08	13.53	5887.98
		08/05/09	14.21	5887.30
		05/17/10	14.23	5887.28
		07/06/11	14.08	5887.43
		06/11/12	13.37	5888.14
		07/22/13	13.85	5887.66
		04/22/14	13.89	5887.62
		05/05/15	12.72	5888.79
		08/02/16	11.90	5889.61
		12/13/16	12.89	5888.62
		03/20/17	12.81	5888.70
		06/05/17	12.20	5889.31
		09/06/17	12.71	5888.80
		12/05/17	13.29	5888.22

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-21C	5901.73	07/22/92	12.11	5889.62
		07/23/92	12.12	5889.61
		08/28/92	12.28	5889.45
		12/03/92	12.51	5889.22
		03/30/93	12.61	5889.12
		06/11/93	12.37	5889.36
		11/29/93	12.92	5888.81
		05/31/94	12.58	5889.15
		12/06/94	12.93	5888.80
		06/01/95	12.56	5889.17
		11/03/95	12.87	5888.86
		05/13/96	12.25	5889.48
		11/11/96	12.70	5889.03
		05/23/97	12.70	5889.03
		11/12/97	13.11	5888.62
		06/15/98	12.78	5888.95
		12/04/98	13.23	5888.50
		06/07/99	12.80	5888.93
		10/15/99	12.98	5888.75
		06/26/00	12.88	5888.85
		11/17/00	13.63	5888.10
		06/21/01	12.91	5888.82
		10/22/01	13.45	5888.28
		04/21/02	13.38	5888.35
		11/18/02	13.52	5888.21
		05/23/03	11.99	5889.74
		11/12/03	13.62	5888.11
		06/07/04	12.69	5889.04
		05/23/05	12.43	5889.30
		07/11/06	13.06	5888.67
		07/24/07	12.66	5889.07
		09/24/08	13.69	5888.04
		08/05/09	13.47	5888.26
		05/17/10	13.58	5888.15
		07/06/11	13.80	5887.93
		06/11/12	13.04	5888.69
		07/22/13	13.78	5887.95
		04/22/14	13.21	5888.52
		05/05/15	12.40	5889.33
		08/02/16	12.29	5889.44
		12/13/16	13.04	5888.69
		03/20/17	12.51	5889.22
		06/05/17	12.09	5889.64
		09/07/17	13.02	5888.71
		12/05/17	13.50	5888.23

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-22A	5902.32	08/28/92	13.72	5888.60
		06/11/93	DRY	--
		11/29/93	DRY	--
		05/31/94	DRY	--
		12/06/94	DRY	--
		06/01/95	DRY	--
		11/03/95	32.69	5869.63
		05/13/96	DRY	--
		11/11/96	NM	--
		05/23/97	32.66	5869.66
		11/12/97	DRY	--
		06/15/98	DRY	--
		12/04/98	DRY	--
		06/07/99	DRY	--
		10/15/99	DRY	--
		06/26/00	DRY	--
		11/17/00	DRY	--
		06/21/01	DRY	--
		10/22/01	DRY	--
		04/21/02	DRY	--
		11/18/02	DRY	--
		05/23/03	DRY	--
		11/12/03	DRY	--
		06/07/04	DRY	--
		05/23/05	DRY	--
		07/11/06	DRY	--
		07/24/07	DRY	--
		09/24/08	DRY	--
		08/05/09	DRY	--
		05/17/10	DRY	--
		07/06/11	DRY	--
		06/11/12	DRY	--
		07/22/13	DRY	--
		05/05/15	DRY	--
		08/02/16	NM	--
		03/20/17	DRY	--

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-22B	5902.38	07/17/92	24.33	5878.05
		07/22/92	20.81	5881.57
		07/23/92	23.42	5878.96
		09/01/92	21.52	5880.86
		12/03/92	11.34	5891.04
		03/30/93	20.61	5881.77
		06/11/93	12.23	5890.15
		11/29/93	12.46	5889.92
		05/31/94	12.59	5889.79
		12/06/94	12.46	5889.92
		06/01/95	18.98	5883.40
		11/03/95	12.26	5890.12
		05/13/96	16.03	5886.35
		11/11/96	NM	--
		05/23/97	12.62	5889.76
		11/12/97	17.71	5884.67
		06/15/98	16.21	5886.17
		12/04/98	18.73	5883.65
		06/07/99	12.80	5889.58
		10/15/99	18.79	5883.59
		06/26/00	15.98	5886.40
		11/17/00	16.82	5885.56
		06/21/01	14.87	5887.51
		10/22/01	18.79	5883.59
		04/21/02	14.70	5887.68
		11/18/02	13.06	5889.32
		05/23/03	14.55	5887.83
		11/12/03	17.94	5884.44
		06/07/04	15.43	5886.95
		05/23/05	13.79	5888.59
		07/11/06	12.25	5890.13
		07/24/07	12.02	5890.36
		09/24/08	12.91	5889.47
		08/05/09	14.41	5887.97
		05/17/10	14.13	5888.25
		07/06/11	14.04	5888.34
		06/11/12	12.70	5889.68
		07/22/13	13.38	5889.00
		04/22/14	14.18	5888.20
		05/05/15	13.00	5889.38
		08/02/16	11.17	5891.21
		12/13/16	11.55	5890.83
		03/20/17	12.49	5889.89
		06/05/17	12.54	5889.84
		09/07/17	12.19	5890.19
		12/05/17	12.76	5889.62

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-22C	5902.10	07/17/92	10.88	5891.22
		07/22/92	10.85	5891.25
		07/23/92	10.82	5891.28
		08/28/92	10.98	5891.12
		12/03/92	11.63	5890.47
		03/30/93	11.72	5890.38
		06/11/93	11.66	5890.44
		11/29/93	12.20	5889.90
		05/31/94	12.66	5889.44
		12/06/94	12.30	5889.80
		06/01/95	11.99	5890.11
		11/03/95	12.30	5889.80
		05/13/96	11.38	5890.72
		11/11/96	12.01	5890.09
		05/23/97	12.16	5889.94
		11/12/97	12.48	5889.62
		06/15/98	11.87	5890.23
		12/04/98	12.59	5889.51
		06/07/99	12.02	5890.08
		10/15/99	12.33	5889.77
		06/26/00	12.17	5889.93
		11/17/00	13.06	5889.04
		06/21/01	11.96	5890.14
		10/22/01	12.87	5889.23
		04/21/02	12.68	5889.42
		11/18/02	12.78	5889.32
		05/23/03	12.89	5889.21
		11/12/03	13.05	5889.05
		06/07/04	11.64	5890.46
		05/23/05	11.25	5890.85
		07/11/06	12.39	5889.71
		07/24/07	11.77	5890.33
		09/24/08	13.06	5889.04
		08/05/09	14.23	5887.87
		05/17/10	12.63	5889.47
		07/06/11	12.86	5889.24
		06/11/12	11.95	5890.15
		07/22/13	13.02	5889.08
		04/22/14	12.29	5889.81
		05/05/15	11.06	5891.04
		08/02/16	11.28	5890.82
		12/13/16	11.65	5890.45
		03/20/17	10.77	5891.33
		06/05/17	10.57	5891.53
		09/07/17	11.80	5890.30
		12/05/17	12.10	5890.00

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-23	5890.05	07/21/92	10.08	5879.98
		07/23/92	10.79	5879.27
		07/27/92	10.46	5879.60
		08/27/92	10.26	5879.80
		12/03/92	11.36	5878.70
		03/30/93	11.93	5878.13
		06/11/93	12.04	5878.02
		11/29/93	13.55	5876.51
		05/31/94	14.34	5875.72
		12/06/94	15.13	5874.92
		06/01/95	22.06	5867.99
		11/03/95	24.21	5865.84
		05/13/96	24.79	5865.26
		11/11/96	DRY	--
		05/23/97	DRY	--
		11/11/97	DRY	--
		01/00/00	DRY	--
		12/03/98	DRY	--
		06/07/99	DRY	--
		10/15/99	DRY	--
		06/26/00	24.88	5865.17
		11/17/00	24.91	5865.14
		06/21/01	DRY	--
		10/22/01	DRY	--
		04/21/02	DRY	--
		11/18/02	DRY	--
		05/23/03	DRY	--
		11/12/03	DRY	--
		06/07/04	DRY	--
		05/23/05	DRY	--
		07/11/06	DRY	--
		07/24/07	DRY	--
		09/24/08	DRY	--
		08/05/09	DRY	--
		05/05/15	DRY	--
		08/02/16	DRY	--
		03/20/17	DRY	--

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-28	5884.74	06/11/93	25.10	5859.64
		11/29/93	22.26	5862.48
		05/31/94	24.94	5859.80
		12/06/94	22.44	5862.30
		06/01/95	24.05	5860.69
		11/03/95	23.19	5861.55
		05/13/96	23.10	5861.64
		11/11/96	22.16	5862.58
		05/23/97	23.42	5861.32
		11/11/97	22.71	5862.03
		06/15/98	23.09	5861.65
		12/03/98	22.86	5861.88
		06/07/99	21.06	5863.68
		10/15/99	23.72	5861.02
		06/26/00	20.98	5863.76
		11/17/00	22.62	5862.12
		06/21/01	21.27	5863.47
		10/22/01	23.85	5860.89
		04/21/02	21.71	5863.03
		11/18/02	23.22	5861.52
		05/23/03	21.91	5862.83
		11/12/03	23.99	5860.75
		06/07/04	22.52	5862.22
		05/23/05	23.24	5861.50
		07/11/06	21.42	5863.32
		07/24/07	21.46	5863.28
		09/24/08	21.16	5863.58
		08/05/09	21.43	5863.31
		05/17/10	21.73	5863.01
		07/06/11	24.01	5860.73
		06/11/12	25.07	5859.67
		07/22/13	24.88	5859.86
		04/22/14	25.34	5859.40
		05/05/15	25.81	5858.93
		08/02/16	24.80	5859.94
		03/20/17	24.20	5860.54
6-30	5893.84	03/30/93	15.81	5878.03
		06/11/93	15.83	5878.01
		11/29/93	15.84	5878.00
		05/31/94	16.30	5877.54
		12/06/94	15.85	5877.99
		06/01/95	16.47	5877.37
		11/03/95	17.01	5876.83
		05/13/96	17.66	5876.18
		11/11/96	16.71	5877.13
		05/23/97	17.66	5876.18
		11/11/97	14.95	5878.89
		06/15/98	14.31	5879.53
		12/03/98	14.51	5879.33
		06/07/99	15.50	5878.34
		10/15/99	15.65	5878.19
		06/26/00	15.17	5878.67
		11/17/00	16.28	5877.56
		06/21/01	16.74	5877.10
		10/22/01	17.59	5876.25
		04/21/02	18.57	5875.27
		11/18/02	19.16	5874.68
		05/23/03	18.17	5875.67
		11/12/03	19.42	5874.42
		06/07/04	21.12	5872.72
		05/23/05	21.82	5872.02
		07/11/06	23.42	5870.42
		07/24/07	19.25	5874.59
		09/24/08	NM	--
		08/05/09	DRY	--
		05/05/15	DRY	--
		08/02/16	NM	--
		03/20/17	DRY	--

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-33	5887.60	06/11/93	20.28	5867.32
		11/29/93	20.80	5866.80
		05/31/94	21.89	5865.71
		12/06/94	21.57	5866.03
		06/01/95	21.96	5865.64
		11/03/95	22.33	5865.27
		05/13/96	22.24	5865.36
		11/11/96	22.01	5865.59
		05/23/97	22.38	5865.22
		11/11/97	22.42	5865.18
		06/15/98	22.65	5864.95
		12/03/98	22.28	5865.32
		06/07/99	22.56	5865.04
		10/15/99	23.28	5864.32
		06/26/00	22.68	5864.92
		11/17/00	22.72	5864.88
		06/21/01	22.91	5864.69
		10/22/01	23.81	5863.79
		04/21/02	22.90	5864.70
		11/18/02	23.02	5864.58
		05/23/03	23.00	5864.60
		11/12/03	23.52	5864.08
		06/07/04	23.12	5864.48
		05/23/05	23.27	5864.33
		07/11/06	23.26	5864.34
		07/24/07	23.38	5864.22
		09/24/08	23.23	5864.37
		08/05/09	23.39	5864.21
		05/17/10	23.43	5864.17
		07/06/11	23.89	5863.71
		06/11/12	24.51	5863.09
		07/22/13	25.37	5862.23
		04/22/14	25.69	5861.91
		05/05/15	25.21	5862.39
		08/02/16	24.23	5863.37
		03/20/17	23.93	5863.67
6-34	5927.11	11/29/93	7.70	5919.41
		05/31/94	8.59	5918.52
		12/06/94	8.67	5918.44
		06/01/95	8.72	5918.39
		11/03/95	9.79	5917.32
		05/13/96	10.28	5916.83
		11/11/96	7.38	5919.73
		05/23/97	8.39	5918.72
		11/11/97	7.05	5920.06
		06/15/98	8.02	5919.09
		12/04/98	8.71	5918.40
		06/07/99	9.81	5917.30
		10/15/99	7.24	5919.87
		06/26/00	7.08	5920.03
		11/17/00	7.41	5919.70
		06/21/01	7.86	5919.25
		10/22/01	9.91	5917.20
		04/21/02	10.69	5916.42
		11/18/02	8.72	5918.39
		05/23/03	9.44	5917.67
		11/12/03	9.53	5917.58
		06/07/04	7.01	5920.10
		05/23/05	7.57	5919.54
		07/11/06	9.92	5917.19
		07/24/07	9.75	5917.36
		09/24/08	10.03	5917.08
		08/05/09	10.81	5916.30
		03/20/17	8.20	5918.91

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-35	5927.18	11/29/93	11.60	5915.58
		05/31/94	12.86	5914.32
		12/06/94	8.84	5918.34
		06/01/95	12.35	5914.83
		11/03/95	13.66	5913.52
		05/13/96	14.13	5913.05
		11/11/96	10.52	5916.66
		05/23/97	11.79	5915.39
		11/11/97	9.50	5917.68
		06/15/98	11.42	5915.76
		12/04/98	12.07	5915.11
		06/07/99	13.73	5913.45
		10/15/99	10.15	5917.03
		06/26/00	10.06	5917.12
		11/17/00	10.44	5916.74
		06/21/01	11.46	5915.72
		10/22/01	13.45	5913.73
		04/21/02	13.59	5913.59
		11/18/02	11.64	5915.54
		05/23/03	12.69	5914.49
		11/12/03	12.06	5915.12
		06/07/04	9.93	5917.25
		05/23/05	10.62	5916.56
		07/11/06	12.78	5914.40
		07/24/07	Abandoned 2006	
6-36	5902.12	11/29/93	13.09	5889.03
		05/31/94	13.81	5888.31
		12/06/94	13.28	5888.84
		06/01/95	13.96	5888.16
		11/03/95	13.42	5888.70
		05/13/96	14.34	5887.78
		11/11/96	13.70	5888.42
		05/23/97	14.53	5887.59
		11/11/97	13.61	5888.51
		06/15/98	14.53	5887.59
		12/04/98	13.83	5888.29
		06/07/99	14.51	5887.61
		10/15/99	13.80	5888.32
		06/26/00	14.40	5887.72
		11/17/00	13.76	5888.36
		06/21/01	14.80	5887.32
		10/22/01	13.91	5888.21
		04/21/02	14.82	5887.30
		11/18/02	14.22	5887.90
		05/23/03	14.97	5887.15
		11/12/03	14.17	5887.95
		06/07/04	14.37	5887.75
		05/23/05	14.89	5887.23
		07/11/06	14.06	5888.06
		07/24/07	13.64	5888.48
		09/24/08	12.80	5889.32
		08/05/09	13.13	5888.99
		05/17/10	13.86	5888.26
		07/06/11	13.66	5888.46
		06/11/12	13.75	5888.37
		07/22/13	13.13	5888.99
		04/22/14	13.66	5888.46
		05/05/15	13.37	5888.75
		08/02/16	12.00	5890.12
		03/20/17	12.15	5889.97

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-37	5914.77	11/29/93	9.51	5905.26
		05/31/94	10.73	5904.04
		12/06/94	9.17	5905.60
		06/01/95	9.95	5904.82
		11/03/95	10.12	5904.65
		05/13/96	11.28	5903.49
		11/11/96	10.61	5904.16
		05/23/97	10.66	5904.11
		11/12/97	8.74	5906.03
		06/15/98	9.28	5905.49
		12/04/98	10.09	5904.68
		06/07/99	11.10	5903.67
		10/15/99	9.11	5905.66
		06/26/00	9.03	5905.74
		11/17/00	9.64	5905.13
		06/21/01	9.56	5905.21
		10/22/01	10.84	5903.93
		04/21/02	12.13	5902.64
		11/18/02	9.13	5905.64
		05/23/03	8.64	5906.13
		11/12/03	9.95	5904.82
		06/07/04	8.77	5906.00
		05/23/05	8.78	5905.99
		07/11/06	10.25	5904.52
		07/24/07	10.35	5904.42
		09/24/08	11.28	5903.49
		08/05/09	12.03	5902.74
		08/02/16	9.98	5904.79
		03/20/17	8.91	5905.86
6-38	5920.89	11/29/93	12.42	5908.47
		05/31/94	13.64	5907.25
		12/06/94	NM	--
		06/01/95	12.78	5908.11
		11/03/95	NM	--
		05/13/96	14.25	5906.64
		11/11/96	12.97	5907.92
		05/23/97	12.90	5907.99
		11/11/97	11.44	5909.45
		06/15/98	11.31	5909.58
		12/04/98	12.02	5908.87
		06/07/99	13.11	5907.78
		10/15/99	11.82	5909.07
		06/26/00	11.67	5909.22
		11/17/00	11.53	5909.36
		06/21/01	11.39	5909.50
		10/22/01	12.40	5908.49
		04/21/02	13.86	5907.03
		11/18/02	11.49	5909.40
		05/23/03	11.50	5909.39
		11/12/03	11.90	5908.99
		06/07/04	11.17	5909.72
		05/23/05	11.22	5909.67
		07/11/06	11.79	5909.10
		07/24/07	11.63	5909.26
		09/24/08	12.72	5908.17
		08/05/09	13.18	5907.71
		03/20/17	9.81	5911.08

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-39	5920.86	11/29/93	13.84	5907.02
		05/31/94	13.58	5907.28
		12/06/94	NM	--
		06/01/95	12.38	5908.48
		11/03/95	NM	--
		05/13/96	13.62	5907.24
		11/11/96	12.55	5908.31
		05/23/97	12.64	5908.22
		11/11/97	9.94	5910.92
		06/15/98	10.86	5910.00
		12/04/98	11.29	5909.57
		06/07/99	12.43	5908.43
		10/15/99	10.07	5910.79
		06/26/00	10.31	5910.55
		11/17/00	11.03	5909.83
		06/21/01	11.08	5909.78
		10/22/01	11.74	5909.12
		04/21/02	13.25	5907.61
		11/18/02	11.25	5909.61
		05/23/03	11.20	5909.66
		11/12/03	11.49	5909.37
		06/07/04	9.90	5910.96
		05/23/05	10.13	5910.73
		07/11/06	11.44	5909.42
		07/24/07	11.15	5909.71
		09/24/08	12.20	5908.66
		08/05/09	12.77	5908.09
		03/20/17	10.14	5910.72
6-40	5899.10	12/09/98	13.01	5886.09
		06/07/99	12.40	5886.70
		10/15/99	12.38	5886.72
		06/26/00	11.98	5887.12
		11/17/00	13.32	5885.78
		06/21/01	12.55	5886.55
		10/22/01	13.19	5885.91
		04/21/02	13.28	5885.82
		11/18/02	13.60	5885.50
		05/23/03	12.40	5886.70
		11/12/03	13.20	5885.90
		06/07/04	11.82	5887.28
		05/23/05	11.50	5887.60
		07/11/06	12.01	5887.09
		07/24/07	11.28	5887.82
		09/24/08	12.90	5886.20
		08/05/09	14.22	5884.88
		05/17/10	14.26	5884.84
		07/06/11	14.35	5884.75
		06/11/12	12.99	5886.11
		07/22/13	13.19	5885.91
		04/22/14	12.92	5886.18
		05/05/15	11.56	5887.54
		08/02/16	11.02	5888.08
		12/13/16	11.85	5887.25
		03/20/17	11.37	5887.73
		06/05/17	10.88	5888.22
		09/07/17	11.69	5887.41
		12/05/17	12.39	5886.71

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-41	5896.50	12/09/98	13.39	5883.11
		06/07/99	11.87	5884.63
		10/15/99	12.37	5884.13
		06/26/00	11.76	5884.74
		11/17/00	13.76	5882.74
		06/21/01	12.73	5883.77
		10/22/01	13.74	5882.76
		04/21/02	13.60	5882.90
		11/18/02	14.69	5881.81
		05/23/03	12.34	5884.16
		11/12/03	13.65	5882.85
		06/07/04	12.21	5884.29
		05/23/05	11.58	5884.92
		07/11/06	11.58	5884.92
		07/24/07	11.08	5885.42
		09/24/08	12.65	5883.85
		08/05/09	13.46	5883.04
		05/17/10	15.49	5881.01
		07/06/11	17.36	5879.14
		06/11/12	12.93	5883.57
		07/22/13	12.83	5883.67
		04/22/14	12.55	5883.95
		05/05/15	11.32	5885.18
		08/02/16	10.47	5886.03
		03/20/17	10.11	5886.39
6-42	5895.79	12/09/98	21.36	5874.43
		06/07/99	12.13	5883.66
		10/15/99	12.45	5883.34
		06/26/00	11.83	5883.96
		11/17/00	13.80	5881.99
		06/21/01	13.21	5882.58
		10/22/01	14.01	5881.78
		04/21/02	15.86	5879.93
		11/18/02	15.61	5880.18
		05/23/03	12.65	5883.14
		11/12/03	13.78	5882.01
		06/07/04	12.19	5883.60
		05/23/05	11.77	5884.02
		07/11/06	11.36	5884.43
		07/24/07	10.55	5885.24
		09/24/08	12.07	5883.72
		08/05/09	13.64	5882.15
		05/17/10	15.76	5880.03
		07/06/11	16.84	5878.95
		06/11/12	13.85	5881.94
		07/22/13	12.36	5883.43
		04/22/14	12.53	5883.26
		05/05/15	11.37	5884.42
		08/02/16	10.22	5885.57
		03/20/17	10.06	5885.73

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-43	5899.39	12/09/98	20.99	5878.40
		06/07/99	14.55	5884.84
		10/15/99	14.01	5885.38
		06/26/00	14.56	5884.83
		11/17/00	13.79	5885.60
		06/21/01	14.85	5884.54
		10/22/01	14.31	5885.08
		04/21/02	14.92	5884.47
		11/18/02	14.38	5885.01
		05/23/03	15.18	5884.21
		11/12/03	14.39	5885.00
		06/07/04	15.02	5884.37
		05/23/05	15.09	5884.30
		07/11/06	14.52	5884.87
		07/24/07	14.30	5885.09
		09/24/08	13.80	5885.59
		08/05/09	14.22	5885.17
		05/17/10	14.84	5884.55
		07/06/11	14.92	5884.47
		06/11/12	15.17	5884.22
		07/22/13	14.94	5884.45
6-44	5902.28	05/05/15	15.00	5884.39
		08/02/16	13.89	5885.50
		03/20/17	14.01	5885.38
		12/09/98	19.12	5883.16
		06/07/99	17.64	5884.64
		10/15/99	16.99	5885.29
		06/26/00	17.64	5884.64
		11/17/00	17.13	5885.15
		06/21/01	18.00	5884.28
		10/22/01	17.31	5884.97
		04/21/02	18.08	5884.20
		11/18/02	17.66	5884.62
		05/23/03	18.23	5884.05
		11/12/03	17.66	5884.62
		06/07/04	18.04	5884.24
		05/23/05	18.32	5883.96
		07/11/06	18.23	5884.05
		07/24/07	17.80	5884.48
		09/24/08	17.25	5885.03
		08/05/09	17.34	5884.94
		05/17/10	17.40	5884.88
		07/06/11	17.45	5884.83
		06/11/12	18.17	5884.11
		07/22/13	17.40	5884.88
		04/22/14	17.55	5884.73
		05/05/15	17.36	5884.92
		08/02/16	16.19	5886.09
		03/20/17	15.96	5886.32

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-45	5896.15	04/04/00	18.35	5877.80
		06/26/00	17.26	5878.89
		11/17/00	16.82	5879.33
		06/21/01	18.71	5877.44
		10/22/01	18.28	5877.87
		04/21/02	19.30	5876.85
		11/18/02	19.31	5876.84
		05/23/03	20.15	5876.00
		11/12/03	19.69	5876.46
		06/07/04	20.26	5875.89
		05/23/05	20.35	5875.80
		07/11/06	16.11	5880.04
		07/24/07	13.74	5882.41
		09/24/08	15.32	5880.83
		08/05/09	17.56	5878.59
		05/17/10	18.96	5877.19
		07/06/11	20.07	5876.08
		06/11/12	20.66	5875.49
		07/22/13	21.05	5875.10
		04/22/14	21.24	5874.91
6-46	5895.31	05/05/15	21.09	5875.06
		08/02/16	13.97	5882.18
		03/20/17	13.61	5882.54
		04/04/00	15.08	5880.23
		06/26/00	13.68	5881.63
		11/17/00	15.14	5880.17
		06/21/01	14.97	5880.34
		10/22/01	15.30	5880.01
		04/21/02	16.00	5879.31
		11/18/02	15.85	5879.46
		05/23/03	15.88	5879.43
		11/12/03	15.59	5879.72
		06/07/04	14.86	5880.45
		05/23/05	14.15	5881.16
		07/11/06	13.33	5881.98
		07/24/07	12.62	5882.69
		09/24/08	14.11	5881.20
		08/05/09	15.18	5880.13
		05/17/10	16.31	5879.00
		07/06/11	17.54	5877.77
		06/11/12	17.76	5877.55
		07/22/13	17.25	5878.06
		04/22/14	15.38	5879.93
		05/05/15	13.92	5881.39
		08/02/16	12.46	5882.85
		03/20/17	12.32	5882.99

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-47	5897.10	04/04/00	17.09	5880.01
		06/26/00	16.40	5880.70
		11/17/00	16.37	5880.73
		06/21/01	16.92	5880.18
		10/22/01	16.40	5880.70
		04/21/02	17.31	5879.79
		11/18/02	17.04	5880.06
		05/23/03	17.34	5879.76
		11/12/03	16.77	5880.33
		06/07/04	16.86	5880.24
		05/23/05	16.82	5880.28
		07/11/06	16.10	5881.00
		07/24/07	15.53	5881.57
		09/24/08	16.01	5881.09
		08/05/09	16.56	5880.54
		05/17/10	17.66	5879.44
		07/06/11	17.77	5879.33
		06/11/12	17.49	5879.61
		07/22/13	16.87	5880.23
		04/22/14	17.13	5879.97
		05/05/15	16.61	5880.49
		08/02/16	15.55	5881.55
		03/20/17	15.99	5881.11
6-48	5895.77	04/04/00	19.62	5876.15
		06/26/00	19.25	5876.52
		11/17/00	18.94	5876.83
		06/21/01	19.48	5876.29
		10/22/01	19.13	5876.64
		04/21/02	19.52	5876.25
		11/18/02	19.39	5876.38
		05/23/03	19.75	5876.02
		11/12/03	19.44	5876.33
		06/07/04	19.67	5876.10
		05/23/05	19.85	5875.92
		07/11/06	19.78	5875.99
		07/24/07	19.66	5876.11
		09/24/08	19.40	5876.37
		08/05/09	19.47	5876.30
		08/02/16	19.88	5875.89
		03/20/17	19.86	5875.91
6-48B (Previously 6-51)	5896.49	06/18/00	26.67	5869.82
		06/26/00	23.84	5872.65
		11/17/00	19.17	5877.32
		06/21/01	19.79	5876.70
		10/22/01	19.33	5877.16
		04/21/02	19.80	5876.69
		11/18/02	19.65	5876.84
		05/23/03	20.04	5876.45
		11/12/03	19.71	5876.78
		06/07/04	19.95	5876.54
		05/23/05	20.07	5876.42
		07/11/06	19.88	5876.61
		07/24/07	19.69	5876.80
		09/24/08	19.43	5877.06
		08/05/09	19.59	5876.90
		05/17/10	19.91	5876.58
		07/06/11	20.12	5876.37
		06/11/12	20.21	5876.28
		07/22/13	20.16	5876.33
		04/22/14	20.25	5876.24
		05/05/15	20.18	5876.31
		08/02/16	19.81	5876.68
		03/20/17	19.76	5876.73

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-49	5894.38	04/04/00	DRY	--
		06/26/00	DRY	--
		11/17/00	20.93	5873.45
		06/21/01	20.61	5873.77
		10/22/01	20.90	5873.48
		04/21/02	20.81	5873.57
		11/18/02	20.58	5873.80
		05/23/03	20.96	5873.42
		11/12/03	21.02	5873.36
		06/07/04	21.06	5873.32
		05/23/05	20.75	5873.63
		07/11/06	20.79	5873.59
		07/24/07	20.87	5873.51
		09/24/08	20.71	5873.67
		08/05/09	20.82	5873.56
		05/05/15	20.73	5873.65
		08/02/16	21.54	5872.84
		03/20/17	21.71	5872.67
6-49B (Previously 6-52)	5895.10	06/18/00	DRY	--
		06/26/00	DRY	--
		11/17/00	26.71	5868.39
		06/21/01	24.66	5870.44
		10/22/01	27.02	5868.08
		04/21/02	26.17	5868.93
		11/18/02	25.81	5869.29
		05/23/03	26.76	5868.34
		11/12/03	27.11	5867.99
		06/07/04	26.69	5868.41
		05/23/05	24.55	5870.55
		07/11/06	23.76	5871.34
		07/24/07	23.91	5871.19
		09/24/08	21.32	5873.78
		08/05/09	21.99	5873.11
		05/17/10	22.93	5872.17
		07/06/11	22.15	5872.95
		06/11/12	24.57	5870.53
		07/22/13	23.63	5871.47
		04/22/14	25.44	5869.66
		05/05/15	25.60	5869.50
		08/02/16	24.57	5870.53
		03/20/17	26.74	5868.36
6-50	5893.70	04/04/00	DRY	--
		06/26/00	DRY	--
		11/17/00	21.08	5872.62
		06/21/01	21.14	5872.56
		10/22/01	21.45	5872.25
		04/21/02	21.47	5872.23
		11/18/02	21.38	5872.32
		05/23/03	21.76	5871.94
		11/12/03	21.79	5871.91
		06/07/04	21.96	5871.74
		05/23/05	21.98	5871.72
		07/11/06	22.23	5871.47
		07/24/07	22.39	5871.31
		09/24/08	22.43	5871.27
		08/05/09	22.42	5871.28
		05/17/10	22.45	5871.25
		07/06/11	22.41	5871.29
		06/11/12	DRY	--
		07/22/13	22.48	5871.22
		05/05/15	DRY	--
		08/02/16	DRY	--
		03/20/17	DRY	--

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-50B (Previously 6-53)	5894.10	06/18/00	29.43	5864.67
		06/26/00	30.05	5864.05
		11/17/00	31.38	5862.72
		06/21/01	31.41	5862.69
		10/22/01	31.62	5862.48
		04/21/02	31.61	5862.49
		11/18/02	31.61	5862.49
		05/23/03	31.61	5862.49
		11/12/03	31.63	5862.47
		06/07/04	31.62	5862.48
		05/23/05	31.60	5862.50
		07/11/06	31.63	5862.47
		07/24/07	31.64	5862.46
		09/24/08	31.64	5862.46
		08/05/09	31.61	5862.49
		05/05/15	DRY	--
		08/02/16	DRY	--
		03/20/17	DRY	--
5-54	--	03/20/17	13.01	--
6-CH1	5912.02	10/08/90	93.44	5818.58
		10/10/90	93.10	5818.92
		10/17/90	91.91	5820.11
		12/27/90	84.12	5827.90
		01/23/91	81.76	5830.26
		02/28/91	77.40	5834.62
	5915.10	03/04/91	76.94	5835.08
		03/27/91	77.62	5837.48
		04/02/91	77.09	5838.01
		04/26/91	75.16	5839.94
		05/01/91	74.71	5840.39
		05/08/91	74.24	5840.86
		05/17/91	73.62	5841.48
		05/22/91	73.30	5841.80
		05/30/91	72.85	5842.25
		06/12/91	72.14	5842.96
		06/20/91	71.73	5843.37
		07/01/91	71.24	5843.86
		07/18/91	70.62	5844.48
		12/18/91	67.84	5847.26
		05/20/92	65.39	5849.71
		07/21/92	64.31	5850.79
		12/03/92	64.34	5850.76
		03/30/93	64.74	5850.36
		06/11/93	64.41	5850.69
		11/29/93	DRY	--
		05/31/94	64.05	5851.05
		06/01/95	62.82	5852.28
		02/20/15	46.81	5868.29
		Plugged and Abandoned 2015		

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-CH2	5912.55	10/17/90	48.50	5864.05
		01/23/91	51.46	5861.09
		02/28/91	49.29	5863.26
		03/04/91	49.24	5863.31
	5915.46	03/27/91	53.23	5862.23
		04/02/91	52.43	5863.03
		04/26/91	52.68	5862.78
		05/01/91	52.74	5862.72
		05/08/91	52.90	5862.56
		05/17/91	53.03	5862.43
		05/22/91	53.16	5862.30
		05/30/91	53.27	5862.19
		06/12/91	53.53	5861.93
		06/20/91	53.68	5861.78
		07/01/91	53.77	5861.69
		07/18/91	54.20	5861.26
		12/18/91	56.43	5859.03
		05/20/92	52.25	5863.21
		07/21/92	50.87	5864.59
		12/03/92	55.33	5860.13
		03/30/93	58.25	5857.21
		06/11/93	56.12	5859.34
		11/29/93	DRY	--
		05/31/94	57.83	5857.63
		06/01/95	51.60	5863.86
		02/20/15	41.71	5873.75
		Plugged and Abandoned 2015		
6-CH3	5913.35	10/17/90	11.14	5902.21
		01/23/91	11.00	5902.35
		01/28/91	11.00	5902.35
		02/25/91	11.55	5901.80
		02/28/91	11.30	5902.05
	5916.21	03/04/91	11.55	5901.80
		03/27/91	15.92	5900.29
		04/02/91	14.90	5901.31
		04/10/91	14.80	5901.41
		04/16/91	15.03	5901.18
		04/26/91	14.95	5901.26
		05/01/91	15.19	5901.02
		05/08/91	15.22	5900.99
		05/17/91	15.30	5900.91
		05/22/91	15.34	5900.87
		05/30/91	15.28	5900.93
		06/12/91	15.53	5900.68
		06/20/91	15.61	5900.60
		07/01/91	15.72	5900.49
		07/18/91	15.81	5900.40
		09/04/91	16.27	5899.94
		10/14/91	16.47	5899.74
		12/18/91	16.83	5899.38
		05/20/92	15.40	5900.81
		06/04/92	15.31	5900.90
		07/21/92	15.63	5900.58
		12/03/92	17.41	5898.80
		03/30/93	17.29	5898.92
		06/11/93	16.77	5899.44
		11/29/93	16.92	5899.29
		05/31/94	17.52	5898.69
		12/06/94	16.85	5899.36
		06/01/95	16.38	5899.83
		11/03/95	14.68	5901.53
		05/13/96	14.73	5901.48
		02/20/15	15.03	5901.18
		Plugged and Abandoned 2015		

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-CH4	5913.81	10/17/90	22.35	5891.46
		01/23/91	15.91	5897.90
		01/28/91	16.66	5897.15
		01/30/91	16.58	5897.23
		02/25/91	20.47	5893.34
		02/28/91	20.29	5893.52
	5916.75	03/04/91	20.16	5893.65
		03/27/91	14.91	5901.84
		04/02/91	21.86	5894.89
		04/26/91	20.93	5895.82
		05/01/91	20.72	5896.03
		05/08/91	20.49	5896.26
		05/17/91	20.19	5896.56
		05/22/91	20.04	5896.71
		05/30/91	19.82	5896.93
		06/12/91	19.47	5897.28
		06/20/91	19.26	5897.49
		07/01/91	19.02	5897.73
		07/18/91	18.68	5898.07
		09/04/91	17.96	5898.79
		10/14/91	17.60	5899.15
		12/18/91	17.40	5899.35
		05/20/92	17.04	5899.71
		06/04/92	16.86	5899.89
		07/21/92	23.35	5893.40
		12/03/92	20.17	5896.58
		03/30/93	19.20	5897.55
		06/11/93	18.64	5898.11
		11/29/93	DRY	--
		05/31/94	17.93	5898.82
		06/01/95	17.17	5899.58
		02/20/15	15.32	5901.43
		Plugged and Abandoned 2015		
6-CH5	5913.45	10/17/90	DRY	--
		12/27/90	93.30	5820.15
		01/23/91	91.72	5821.73
		01/28/91	92.44	5821.01
		01/30/91	92.44	5821.01
		02/25/91	93.39	5820.06
	5916.20	02/28/91	92.91	5820.54
		03/04/91	92.24	5821.21
		03/27/91	99.22	5816.98
		04/02/91	98.21	5817.99
		04/26/91	99.31	5816.89
		05/01/91	98.29	5817.91
		05/08/91	97.09	5819.11
		05/17/91	95.47	5820.73
		05/22/91	94.62	5821.58
		05/30/91	93.31	5822.89
		06/12/91	91.26	5824.94
		06/20/91	90.04	5826.16
		07/01/91	88.45	5827.75
		07/18/91	86.14	5830.06
		12/18/91	73.44	5842.76
		05/20/92	68.77	5847.43
		07/21/92	67.35	5848.85
		12/03/92	66.76	5849.44
		03/30/93	66.88	5849.32
		06/11/93	66.37	5849.83
		11/29/93	DRY	--
		05/31/94	65.88	5850.32
		06/01/95	64.64	5851.56
		02/20/15	57.16	5859.04
		Plugged and Abandoned 2015		

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW1	5918.01	06/20/91	19.64	5898.37
		07/01/91	19.38	5898.63
		07/18/91	19.33	5898.68
		09/04/91	18.83	5899.18
		10/14/91	18.39	5899.62
		10/22/91	18.33	5899.68
		12/18/91	18.50	5899.51
		03/20/92	10.73	5907.28
		05/20/92	11.24	5906.77
		07/21/92	11.72	5906.29
		12/03/92	17.21	5900.80
		03/03/93	12.01	5906.00
		06/11/93	12.62	5905.39
		11/29/93	DRY	--
		05/31/94	16.21	5901.80
		12/06/94	12.16	5905.85
		06/01/95	13.78	5904.23
		11/03/95	16.03	5901.98
		05/13/96	13.51	5904.50
		11/11/96	15.60	5902.41
		05/23/97	13.48	5904.53
		11/12/97	12.01	5906.00
		06/15/98	12.76	5905.25
		12/04/98	8.56	5909.45
		06/07/99	8.28	5909.73
		10/15/99	12.02	5905.99
	5916.22	06/26/00	7.59	5908.63
		11/17/00	NM	--
		06/21/01	8.10	5908.12
		10/22/01	5.41	5910.81
		04/21/02	4.75	5911.47
		11/18/02	10.10	5906.12
		05/23/03	8.69	5907.53
		11/12/03	9.87	5906.35
		06/07/04	8.54	5907.68
		05/23/05	7.67	5908.55
		07/11/06	8.14	5908.08
		07/24/07	8.77	5907.45
		09/24/08	10.64	5905.58
		08/05/09	11.75	5904.47
		03/20/17	10.81	5905.41

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW2	5922.23	03/15/91	19.09	5903.14
		03/18/91	18.68	5903.55
		03/19/91	18.46	5903.77
		03/26/91	17.52	5904.71
		04/02/91	16.56	5905.67
		04/04/91	17.30	5904.93
		04/10/91	17.27	5904.96
		04/16/91	16.19	5906.04
		04/17/91	16.12	5906.11
		05/01/91	16.14	5906.09
		05/08/91	16.13	5906.10
		05/17/91	16.14	5906.09
		05/22/91	16.14	5906.09
		05/30/91	16.07	5906.16
		06/12/91	16.14	5906.09
		06/20/91	16.14	5906.09
		07/01/91	16.17	5906.06
		07/18/91	16.13	5906.10
		09/04/91	16.19	5906.04
		10/14/91	16.15	5906.08
		10/22/91	16.10	5906.13
		12/18/91	16.32	5905.91
		03/20/92	15.82	5906.41
		05/20/92	15.81	5906.42
		07/21/92	15.89	5906.34
		12/03/92	16.62	5905.61
		03/03/93	16.76	5905.47
		06/11/93	16.04	5906.19
		11/29/93	16.32	5905.91
		05/31/94	16.81	5905.42
		12/06/94	16.08	5906.15
		06/01/95	16.10	5906.13
		11/03/95	16.09	5906.14
		05/13/96	16.10	5906.13
		11/11/96	16.32	5905.91
		05/23/97	16.15	5906.08
		11/12/97	15.70	5906.53
		06/15/98	15.90	5906.33
		12/04/98	15.98	5906.25
		06/07/99	15.76	5906.47
		10/15/99	15.91	5906.32
	5920.04	06/26/00	13.44	5906.60
		11/17/00	14.24	5905.80
		06/21/01	13.47	5906.57
		10/22/01	14.39	5905.65
		04/21/02	13.43	5906.61
		11/18/02	13.74	5906.30
		05/23/03	13.66	5906.38
		11/12/03	14.34	5905.70
		06/07/04	12.88	5907.16
		05/23/05	13.08	5906.96
		07/11/06	13.39	5906.65
		07/24/07	13.76	5906.28
		09/24/08	13.96	5906.08
		08/05/09	14.34	5905.70
		03/20/17	13.41	5906.63

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW3	5926.04	03/18/91	11.07	5914.97
		03/19/91	10.52	5915.52
		03/20/91	11.06	5914.98
		03/26/91	10.96	5915.08
		04/02/91	11.28	5914.76
		04/04/91	20.80	5905.24
		04/10/91	10.99	5915.05
		04/16/91	11.23	5914.81
		05/01/91	11.31	5914.73
		05/08/91	11.31	5914.73
		05/17/91	11.21	5914.83
		05/22/91	11.19	5914.85
		05/30/91	11.10	5914.94
		06/12/91	11.26	5914.78
		06/20/91	11.30	5914.74
		07/01/91	11.30	5914.74
		07/18/91	11.21	5914.83
		09/04/91	11.23	5914.81
		10/14/91	11.04	5915.00
		10/22/91	10.96	5915.08
		12/18/91	11.28	5914.76
		04/27/92	10.62	5915.42
		05/20/92	10.19	5915.85
		07/21/92	9.99	5916.05
		12/03/92	11.10	5914.94
		03/03/93	10.84	5915.20
		06/11/93	10.95	5915.09
		11/29/93	11.24	5914.80
		05/31/94	11.85	5914.19
		12/06/94	10.48	5915.56
		06/01/95	11.11	5914.93
		11/03/95	12.60	5913.44
		05/13/96	13.79	5912.25
		11/11/96	12.00	5914.04
		05/23/97	11.71	5914.33
		11/12/97	10.82	5915.22
		06/15/98	11.40	5914.64
		12/04/98	12.13	5913.91
		06/07/99	12.30	5913.74
		10/15/99	11.37	5914.67
	5923.95	06/26/00	8.09	5915.86
		11/17/00	8.37	5915.58
		06/21/01	8.92	5915.03
		10/22/01	11.02	5912.93
		04/21/02	11.70	5912.25
		11/18/02	10.33	5913.62
		05/23/03	9.84	5914.11
		11/12/03	9.51	5914.44
		06/07/04	8.36	5915.59
		05/23/05	8.39	5915.56
		07/11/06	10.66	5913.29
		07/24/07	10.88	5913.07
		09/24/08	11.65	5912.30
		08/05/09	11.87	5912.08
		03/20/17	9.19	5914.76

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW4	5919.09	03/18/91	15.17	5903.92
		03/19/91	15.12	5903.97
		03/20/91	15.24	5903.85
		03/26/91	15.29	5903.80
		04/02/91	15.54	5903.55
		04/04/91	15.27	5903.82
		04/10/91	14.43	5904.66
		04/16/91	14.62	5904.47
		04/17/91	14.65	5904.44
		05/01/91	15.20	5903.89
		05/08/91	15.29	5903.80
		05/17/91	15.45	5903.64
		05/22/91	15.34	5903.75
		05/30/91	15.02	5904.07
		06/12/91	14.98	5904.11
		06/20/91	15.27	5903.82
		07/01/91	15.09	5904.00
		07/18/91	14.93	5904.16
		09/04/91	16.04	5903.05
		10/14/91	15.78	5903.31
		10/21/91	15.71	5903.38
		12/18/91	16.56	5902.53
		03/20/92	15.03	5904.06
		05/20/92	14.73	5904.36
		07/21/92	15.72	5903.37
		12/03/92	17.12	5901.97
		03/03/93	16.47	5902.62
		06/11/93	15.95	5903.14
		11/29/93	16.62	5902.47
		05/31/94	17.35	5901.74
		12/06/94	16.38	5902.71
		06/01/95	16.37	5902.72
		11/03/95	13.64	5905.45
		05/13/96	14.17	5904.92
		11/11/96	16.98	5902.11
		05/23/97	16.92	5902.17
		11/12/97	15.84	5903.25
		06/15/98	15.99	5903.10
		12/04/98	16.12	5902.97
		06/07/99	14.73	5904.36
		10/15/99	16.39	5902.70
	5917.13	06/26/00	13.67	5903.46
		11/17/00	14.49	5902.64
		06/21/01	12.96	5904.17
		10/22/01	15.63	5901.50
		04/21/02	13.13	5904.00
		11/18/02	13.94	5903.19
		05/23/03	13.40	5903.73
		11/12/03	13.90	5903.23
		06/07/04	12.00	5905.13
		05/23/05	12.42	5904.71
		07/11/06	13.84	5903.29
		07/24/07	14.76	5902.37
		09/24/08	14.82	5902.31
		08/05/09	15.41	5901.72
		08/02/16	14.52	5902.61
		03/20/17	13.89	5903.24

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW5	5933.84	03/18/91	13.86	5919.98
		03/19/91	13.80	5920.04
		03/20/91	13.82	5920.02
		03/26/91	13.84	5920.00
		04/02/91	14.15	5919.69
		04/04/91	14.11	5919.73
		04/10/91	13.62	5920.22
		04/16/91	14.06	5919.78
		04/17/91	13.98	5919.86
		05/01/91	14.07	5919.77
		05/08/91	14.11	5919.73
		05/17/91	14.02	5919.82
		05/22/91	14.02	5919.82
		05/30/91	13.96	5919.88
		06/12/91	14.04	5919.80
		06/20/91	14.06	5919.78
		07/01/91	14.07	5919.77
		07/18/91	14.06	5919.78
		09/04/91	13.97	5919.87
		10/14/91	14.32	5919.52
		10/21/91	14.37	5919.47
		12/18/91	15.18	5918.66
		05/20/92	13.84	5920.00
		07/21/92	13.58	5920.26
		12/03/92	14.90	5918.94
		03/03/93	15.00	5918.84
		06/11/93	14.67	5919.17
		11/29/93	14.91	5918.93
		05/31/94	15.86	5917.98
		12/06/94	14.35	5919.49
		06/01/95	15.29	5918.55
		11/03/95	DRY	--
		05/13/96	DRY	--
		11/11/96	DRY	--
		05/23/97	DRY	--
		11/12/97	14.07	5919.77
		06/15/98	14.74	5919.10
		12/04/98	DRY	--
		06/07/99	DRY	--
		10/15/99	14.88	5918.96
	5931.44	06/26/00	12.93	5918.51
		11/17/00	DRY	--
		06/21/01	13.13	5918.31
		10/22/01	DRY	--
		04/21/02	DRY	--
		11/18/02	DRY	--
		05/23/03	DRY	--
		11/12/03	DRY	--
		06/07/04	DRY	--
		05/23/05	13.10	5918.34
		07/11/06	DRY	--
		07/24/07	DRY	--
		09/24/08	DRY	--
		08/05/09	DRY	--
		03/20/17	15.35	5916.09

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW6	5925.41	03/18/91	13.63	5911.78
		03/19/91	13.62	5911.79
		03/20/91	13.64	5911.77
		03/26/91	13.56	5911.85
		04/02/91	13.99	5911.42
		04/04/91	14.21	5911.20
		04/10/91	13.86	5911.55
		04/16/91	14.04	5911.37
		04/17/91	14.04	5911.37
		05/01/91	14.22	5911.19
		05/08/91	14.38	5911.03
		05/17/91	14.29	5911.12
		05/22/91	14.31	5911.10
		05/30/91	14.07	5911.34
		06/12/91	14.16	5911.25
		06/20/91	14.21	5911.20
		07/01/91	14.29	5911.12
		07/18/91	13.99	5911.42
		09/04/91	13.05	5912.36
		10/14/91	13.22	5912.19
		10/22/91	13.33	5912.08
		12/18/91	14.12	5911.29
		04/27/92	13.40	5912.01
		05/20/92	13.34	5912.07
		06/05/92	12.70	5912.71
		07/21/92	12.93	5912.48
		12/03/92	14.89	5910.52
		03/03/93	13.93	5911.48
		06/11/93	14.24	5911.17
		11/29/93	13.38	5912.03
		05/31/94	14.94	5910.47
		12/06/94	10.90	5914.51
		06/01/95	13.28	5912.13
		11/03/95	14.89	5910.52
		05/13/96	15.69	5909.72
		11/11/96	12.74	5912.67
		05/23/97	13.57	5911.84
		11/11/97	10.26	5915.15
		06/15/98	12.53	5912.88
		12/04/98	13.26	5912.15
		06/07/99	15.06	5910.35
		10/15/99	11.72	5913.69
	5923.19	06/26/00	9.47	5913.72
		11/17/00	10.14	5913.05
		06/21/01	10.88	5912.31
		10/22/01	12.73	5910.46
		04/21/02	13.13	5910.06
		11/18/02	10.55	5912.64
		05/23/03	10.91	5912.28
		11/12/03	10.86	5912.33
		06/07/04	8.95	5914.24
		05/23/05	9.46	5913.73
		07/11/06	11.60	5911.59
		07/24/07	11.22	5911.97
		09/24/08	12.11	5911.08
		08/05/09	12.46	5910.73
		03/20/17	8.99	5914.20

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW7	5930.94	04/02/91	24.34	5906.60
		04/04/91	27.96	5902.98
		04/10/91	26.49	5904.45
		04/16/91	22.10	5908.84
		04/17/91	20.68	5910.26
		05/01/91	20.19	5910.75
		05/08/91	17.34	5913.60
		05/17/91	17.28	5913.66
		05/22/91	17.27	5913.67
		05/30/91	17.20	5913.74
		06/12/91	17.32	5913.62
		06/20/91	17.31	5913.63
		07/01/91	17.29	5913.65
		07/18/91	17.25	5913.69
		09/04/91	17.24	5913.70
		10/14/91	17.12	5913.82
		10/23/91	17.04	5913.90
		12/18/91	17.48	5913.46
		05/20/92	17.49	5913.45
		07/21/92	17.18	5913.76
		12/03/92	17.23	5913.71
		03/03/93	17.91	5913.03
		06/11/93	17.94	5913.00
		11/29/93	17.29	5913.65
		05/31/94	18.02	5912.92
		12/06/94	16.39	5914.55
		06/01/95	16.86	5914.08
		11/03/95	17.41	5913.53
		05/13/96	18.16	5912.78
		11/11/96	17.92	5913.02
		05/23/97	18.07	5912.87
		11/11/97	16.23	5914.71
		06/15/98	16.74	5914.20
		12/04/98	17.12	5913.82
		06/07/99	17.92	5913.02
		10/15/99	16.84	5914.10
	5928.86	06/26/00	14.90	5913.96
		11/17/00	15.00	5913.86
		06/21/01	15.00	5913.86
		10/22/01	15.24	5913.62
		04/21/02	16.33	5912.53
		11/18/02	15.88	5912.98
		05/23/03	DRY	--
		11/12/03	15.58	5913.28
		06/07/04	14.58	5914.28
		05/23/05	14.17	5914.69
		07/11/06	DRY	--
		07/24/07	DRY	--
		09/24/08	DRY	--
		08/05/09	DRY	--
		03/20/17	14.24	5914.62

**Groundwater Elevation Data Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to Ground Water (feet below MP)	Ground Water Elevation (feet amsl)
6-PW8	5932.42	04/02/91	12.96	5919.46
		04/04/91	12.92	5919.50
		04/10/91	12.72	5919.70
		04/16/91	12.85	5919.57
		04/17/91	12.83	5919.59
		05/01/91	12.86	5919.56
		05/08/91	12.90	5919.52
		05/17/91	12.79	5919.63
		05/22/91	12.77	5919.65
		05/30/91	12.69	5919.73
		06/12/91	12.74	5919.68
		06/20/91	12.75	5919.67
		07/01/91	12.73	5919.69
		07/18/91	12.59	5919.83
		09/04/91	12.09	5920.33
		10/14/91	12.59	5919.83
		10/21/91	12.64	5919.78
		12/18/91	13.54	5918.88
		05/20/92	12.31	5920.11
		07/21/92	11.91	5920.51
		12/03/92	13.56	5918.86
		03/03/93	13.45	5918.97
		06/11/93	13.14	5919.28
		11/29/93	13.02	5919.40
		05/31/94	13.86	5918.56
		12/06/94	12.66	5919.76
		06/01/95	NM	--
		11/03/95	14.46	5917.96
		05/13/96	15.17	5917.25
		11/11/96	13.58	5918.84
		05/23/97	14.26	5918.16
		11/11/97	11.71	5920.71
		06/15/98	12.11	5920.31
		12/04/98	13.11	5919.31
		06/07/99	14.03	5918.39
		10/15/99	12.53	5919.89
	5930.34	06/26/00	10.47	5919.87
		11/17/00	11.09	5919.25
		06/21/01	10.58	5919.76
		10/22/01	11.65	5918.69
		04/21/02	13.15	5917.19
		11/18/02	12.22	5918.12
		05/23/03	12.39	5917.95
		11/12/03	12.35	5917.99
		06/07/04	10.00	5920.34
		05/23/05	9.96	5920.38
		07/11/06	11.93	5918.41
		07/24/07	11.07	5919.27
		09/24/08	12.69	5917.65
		08/05/09	13.51	5916.83
		03/20/17	10.76	5919.58

Notes:

amsl = above mean sea level

MP = measuring point

NM = not measured

-- = not applicable

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-06	05/28/97	7.0	7.72	17.0	926
	06/16/98	10.0	6.56	16.9	1134
	06/08/99	8.8	7.81	17.8	1034
	06/28/00	9.2	7.44	15.3	1305
	06/24/01	10.0	7.43	16.1	1342
	04/25/02	9.4	7.75	16.2	1179
	05/24/03	8.8	7.62	16.7	1116
	06/09/04	5.0	7.55	15.5	1024
6-07	03/23/17	5.14	7.46	12.43	2217*
	11/12/96	7.4	7.42	19.0	2150
	05/27/97	10.08	7.75	19.3	2120
	11/13/97	5.49	7.36	13.2	2010
	06/17/97	8.6	7.52	19.2	5420
	12/11/98	6.8	7.46	12.6	2360
	06/08/99	8.23	7.41	14.3	2120
	10/18/99	6.8	7.65	16.2	2330
	06/30/00	9.0	7.54	15.3	2510
	11/18/00	8.4	7.56	17.1	2430
	06/25/01	9.6	7.63	16.3	2440
	10/23/01	8.5	7.59	18.6	2470
	04/24/02	9.1	7.65	15.9	2500
	11/19/02	9.2	7.60	18.6	2540
	05/25/03	8.9	7.69	16.5	2610
	11/13/03	7.32	7.52	16.2	2268
	06/08/04	6.86	7.43	15.4	2680
	05/25/05	--	7.56	14.7	2510
	07/12/06	6.44	7.49	16.0	2363
	07/26/07	6.26	--	15.4	1599
	09/24/08	5.98	7.79	16.5	1484
	08/05/09	3.96	7.22	16.2	2420
	05/19/10	3.82	7.14	14.4	2365
	09/08/11	1.22	7.13	17.0	4334
	06/13/12	3.6	7.18	14.7	3028
	07/24/13	3.75	7.00	16.1	2607
	04/25/14	5.55	7.29	13.96	2550*
	05/05/15	8.82	7.69	14.30	297*
	08/04/16	6.18	7.73	15.86	1327*
	03/23/17	7.93	8.01	12.53	1195*
6-08	11/12/96	9.7	7.64	16.6	1620
	05/27/97	8.08	7.65	15.0	1680
	11/13/97	6.15	8.18	12.2	1590
	06/17/97	7.5	7.46	16.2	331
	06/08/99	7.3	7.48	14.8	2380
	06/30/00	2.5	7.38	14.8	2360
	06/24/01	4.1	7.44	15.6	2470
	04/25/02	2.7	7.43	15.7	3000
	05/24/03	1.9	7.38	16.1	3550
	06/09/04	3.72	7.43	15.9	2980
	05/25/05	--	7.22	14.6	2120
	07/12/06	3.65	7.52	15.3	1462
	07/26/07	2.31	--	14.7	1413
	09/25/08	2.7	7.58	15.6	1396
	08/06/09	3.15	7.10	15.4	2100
	05/20/10	3.1	6.99	13.4	2581
	09/09/11	2.37	7.03	15.4	3587
	06/14/12	2.22	6.98	13.9	4283
	07/25/13	4.55	6.99	15.8	2971
	04/25/14	3.86	7.12	13.44	2330*
	05/05/15	8.72	7.65	13.35	2296*
	08/03/16	5.42	7.69	14.33	1961*
	03/22/17	5.08	7.75	11.95	1810*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-09	11/13/96	4.9	6.98	17.2	1610
	05/30/97	1.68	7.11	18.1	1620
	11/14/97	4.53	6.96	14.0	3000
	06/18/98	3.5	7.06	17.2	1815
	06/09/99	1.9	7.08	15.5	1888
	06/29/00	0.0	6.93	16.0	2260
	06/26/01	--	--	--	--
	04/24/02	--	--	--	--
	05/26/03	--	--	--	--
	06/10/04	--	--	--	--
	05/25/05	--	6.9	15.3	3400
	07/13/06	--	--	--	--
	07/27/07	--	--	--	--
	09/26/08	--	--	--	--
	08/07/09	1.7	6.8	15.5	3390
	05/20/10	--	--	--	--
	09/09/11	--	-	--	--
	06/14/12	--	-	--	--
	07/25/13	--	-	--	--
	04/23/14	1.57	7.00	14.28	3105*
	05/06/15	6.63	6.99	14.23	2288*
	08/03/16	3.02	7.50	16.37	3133*
	03/20/17	Not Sampled Due to Presence of EVO			
	06/06/17	2.41	6.69	14.77	2919*
	09/06/17	4.11	7.96	14.53	2758*
	12/05/17	2.24	7.01	15.95	2907*
6-10	05/30/97	1.92	7.34	17.5	1250
	06/18/98	2.3	7.17	18.3	1557
	06/09/99	2.7	7.11	15.3	1520
	06/29/00	0.0	7.03	15.8	3190
	06/26/01	0.8	7.06	15.5	3760
	04/24/02	1.2	7.08	15.9	3520
	05/26/03	1.2	7.11	16.3	3500
	06/10/04	2.4	6.93	14.5	3472
	05/25/05	--	6.96	14.4	3330
	07/12/06	1.9	7.16	15.5	2475
	07/27/07	1.8	--	14.8	2279
	09/26/08	1.7	7.29	15.7	2183
	08/07/09	1.8	6.80	15.4	3032
	05/20/10	2.0	6.79	14.2	3396
	09/09/11	1.7	6.77	15.5	3407
	06/14/12	2.0	6.76	14.5	3078
	07/25/13	2.6	6.70	15.7	3058
	04/23/14	2.80	6.98	14.05	3122*
	05/06/15	6.59	7.23	13.34	2458*
	08/04/16	3.67	8.11	14.25	2477*
	03/22/17	4.85	7.57	12.60	2398*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-11	05/27/97	9.25	7.45	16.2	4080
	06/17/98	7.2	7.46	16.2	3710
	06/08/99	6.5	7.62	16.2	3470
	06/29/00	1.6	7.21	15.2	4420
	11/19/00	4.2	7.21	17.4	4640
	06/23/01	2.7	7.17	15.5	4690
	10/23/01	3.0	7.18	18.3	4790
	04/23/02	4.5	7.00	16.1	4440
	11/19/02	1.6	7.23	18.4	5620
	05/26/03	4.4	7.17	16.8	5080
	11/13/03	3.0	7.11	15.9	4667
	06/09/04	3.8	7.31	17.6	5180
6-12	03/21/17	3.47	7.55	12.72	5903*
	11/13/96	4.7	6.90	17.0	2450
	05/29/97	6.59	7.36	18.0	1440
	11/14/97	NA	7.07	15.0	3560
	06/18/98	1.3	7.01	15.2	4390
	12/09/98	3.10	7.09	14.0	4360
	06/09/99	3.00	7.29	16.2	3110
	10/18/99	0.5	7.13	16.5	4020
	06/29/00	0.0	7.06	15.7	3950
	11/20/00	2.2	7.10	17.4	4180
	06/24/01	1.5	7.14	15.5	4460
	10/25/01	5.7	7.29	18.1	4200
	04/23/02	7.2	7.18	16.3	4240
	11/20/02	5.2	7.25	18.4	4200
	05/26/03	5.6	7.24	16.8	4100
	11/14/03	4.8	7.14	16.3	3391
	06/10/04	--	7.18	14.9	3930
	05/26/05	--	7.11	15.0	3640
	07/13/06	4.3	7.14	15.5	2726
	07/27/07	3.0	--	15.0	2671
	09/26/08	2.8	7.39	15.6	2424
	08/07/09	5.0	6.96	15.7	3305
	05/20/10	3.9	6.94	14.4	3639
	09/08/11	1.9	6.95	15.6	6240
	06/13/12	1.0	6.85	14.8	5469
	07/25/13	1.7	6.78	15.8	4290
	04/23/14	2.73	7.30	14.42	4058*
	05/06/15	4.33	7.15	14.99	3851*
	08/03/16	2.79	7.24	14.41	2932*
	03/22/17	2.70	7.35	13.44	2991*

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-13	05/29/97	6.6	7.00	20.1	4300
	06/18/98	1.6	6.86	15.2	NA
	06/09/99	4.8	6.74	15.1	5060
	06/28/00	0.7	6.91	15.3	5230
	06/25/01	1.2	6.97	16.1	6010
	04/23/02	1.8	6.93	15.8	5810
	05/25/03	1.0	6.98	16.4	6340
	06/08/04	2.8	6.80	15.3	7938
	12/13/16	6.3	7.09	15.0	3969*
	03/21/17	4.05	7.15	12.85	4589*
	06/06/17	4.55	7.03	14.78	4065*
	09/06/17	2.52	6.96	15.17	3690*
	12/05/17	2.77	7.28	16.13	3457*
6-14	05/29/97	2.08	7.19	18.9	1870
	06/18/98	2.6	7.29	17.1	2260
	06/09/99	3.0	7.09	15.8	2050
	06/29/00	0.0	7.28	15.8	2150
	11/20/00	1.1	7.06	17.4	3580
	06/25/01	0.8	7.12	16.1	2410
	10/25/01	0.5	7.04	18.5	3700
	04/23/02	1.1	6.94	16.0	4130
	11/21/02	1.1	7.03	18.8	4610
	05/27/03	1.2	7.22	16.5	2220
	11/14/03	1.3	6.98	16.2	2774
	06/10/04	5.0	7.19	15.0	2290
	05/26/05	--	7.11	14.7	2140
	07/13/06	1.5	7.16	15.7	1625
	07/27/07	0.9	--	15.1	1483
	09/26/08	0.9	7.29	16.0	2215
	08/07/09	1.1	6.74	15.6	3906
	05/20/10	1.3	6.70	13.8	2473
	09/08/11	0.8	6.80	15.9	2585
	06/13/12	1.0	6.97	14.4	2305
	07/24/13	1.5	6.75	15.8	2577
	04/23/14	1.36	7.01	13.85	2947*
	05/06/15	2.57	7.22	13.79	2486*
	08/03/16	2.30	8.15	14.59	2247*
	12/13/16	6.97	7.10	14.58	2043*
	03/22/17	2.90	7.47	12.76	2353*
	06/06/17	7.78	7.29	14.83	2108*
	09/06/17	2.40	7.23	15.46	1835*
	12/05/17	2.80	7.27	15.04	1709*
6-15	05/28/97	2.12	7.30	16.8	4120
	06/17/97	1.4	6.90	17.3	1153
	06/08/99	2.9	7.22	19.4	3190
	06/30/00	0.0	6.89	15.4	6570
	06/24/01	1.1	6.94	15.2	6400
	04/25/02	2.1	7.03	15.2	6470
	05/24/03	1.4	7.02	15.8	6160
	06/10/04	5.8	7.31	16.7	5840
	03/22/17	6.02	7.33	11.67	4222*

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmhos/cm)
6-16	11/11/96	10.51	8.05	17.5	2320
	05/28/97	8.03	7.72	17.3	1900
	11/14/97	5.08	7.77	14.0	2720
	06/16/98	8.8	7.38	16.6	4140
	12/10/98	8.1	7.71	10.7	4250
	06/07/99	--	7.35	14.5	4040
	10/18/99	7.8	7.53	15.5	4630
	06/27/00	8.9	7.42	14.9	4700
	11/18/00	8.9	7.48	16.9	4880
	06/22/01	--	7.65	15.8	4580
	10/23/01	8.6	7.46	18.0	4860
	04/22/02	10.2	7.52	16.6	4910
	11/19/02	10.7	7.35	18.5	4920
	05/24/03	9.5	7.51	16.8	4830
	11/12/03	7.2	7.38	16.0	4274
	06/08/04	7.7	7.35	16.2	4827
	05/23/05	--	7.26	15.1	4950
	07/11/06	7.7	7.36	15.0	3927
	07/26/07	7.9	--	15.5	2242
	09/24/08	8.3	7.80	16.4	3240
	08/05/09	10.5	7.06	16.4	4512
	05/19/10	9.1	7.15	14.3	4687
	09/08/11	2.6	6.79	16.0	5373
	06/13/12	4.6	6.92	14.8	5367
	07/26/13	4.6	6.77	15.5	6945
	04/25/14	3.11	6.96	14.37	7628*
	05/05/15	--	7.11	15.43	--
	08/04/16	6.31	6.90	15.30	8140*
	03/23/17	No Parameters Collected Due to Low Volume			
6-17	05/28/97	8.20	7.50	17.1	4150
	06/16/98	8.4	7.39	21.1	NA
	06/07/99	--	7.49	15.7	3900
	06/27/00	8.6	7.51	15.1	4970
	06/22/01	--	7.68	16.9	4820
	04/22/02	9.4	7.60	17.0	5770
	05/24/03	8.8	7.59	16.7	5010
	06/08/04	6.81	7.34	15.8	5075
	06/08/04	6.81	7.34	15.8	5075
	03/22/17	No Parameters Collected Due to Low Volume			
6-18	05/28/97	8.4	7.77	16.1	938
	06/16/98	8.7	6.44	19.0	958
	06/08/99	8.0	7.65	15.7	1092
	06/29/00	7.0	7.64	16.4	1169
	06/24/01	7.3	7.51	16.1	1260
	04/25/02	6.2	7.62	15.0	1105
	05/25/03	4.8	7.66	16.3	978
	06/10/04	7.5	7.57	15.2	1011
	03/22/17	4.09	7.49	10.61	1581*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-19	05/28/97	9.01/8.0	7.48	18.5	3995
	06/16/98	10.5	7.35	15.6	4800
	06/08/99	4.59	7.00	14.2	4810
	06/30/00	2.2	7.11	15.2	6730
	06/23/01	4.8	7.12	16.1	6930
	04/24/02	2.8	7.08	16.3	10720
	05/24/03	2.6	6.97	16.8	12600
	06/09/04	4.2	6.77	16.5	1293
	05/25/05	--	6.71	16.4	1263
	07/12/06	3.7	6.77	15.8	10350
	07/26/07	2.1	--	15.4	9995
	09/25/08	2.6	7.03	16.0	8930
	08/06/09	4.3	6.60	15.8	11880
	05/19/10	4.6	6.53	14.3	12460
	09/08/11	1.9	6.31	16.1	12500
	06/13/12	3.3	6.29	14.9	12220
	07/25/13	4.7	6.31	16.5	11430
	04/25/14	--	--	--	--
	05/05/15	7.97	6.59	14.71	12631*
	08/04/16	5.67	7.16	15.24	11352*
	03/23/17	No Parameters Collected Due to Low Volume			
6-20B	11/11/96	NA	7.13	17.9	4450
	05/27/97	9.61	7.57	18.3	4780
	11/13/97	NA	7.04	15.0	5500
	06/16/98	9.4	7.12	15.5	6250
	12/10/98	6.2	7.22	14.2	6250
	06/08/99	7.8	6.17	15.0	5600
	10/16/99	7.7	7.25	16.2	6100
	06/30/00	9.2	7.12	15.3	6070
	11/20/00	7.5	7.18	17.3	5910
	06/25/01	9.0	7.16	15.6	6020
	10/23/01	8.7	7.19	18.6	6100
	04/20/02	9.7	7.18	15.9	6170
	11/19/02	8.7	7.20	18.3	6060
	05/24/03	8.2	7.20	16.4	6040
	11/13/03	7.2	6.87	15.7	5229
	06/08/04	7.3	6.98	15.3	5994
	05/25/05	--	7.16	15.9	6070
	07/12/06	6.7	7.14	15.5	4858
	07/26/07	6.7	--	14.7	4958
	09/24/08	6.3	7.42	15.9	4472
	08/05/09	9.2	6.94	15.9	5874
	05/19/10	8.6	6.79	13.8	5928
	09/08/11	4.3	6.99	15.7	5706
	06/13/12	7.5	6.64	14.9	5794
	07/25/13	6.6	6.78	15.3	5657
	04/24/14	--	--	--	--
	05/06/15	8.30	7.49	14.16	6359*
	08/04/16	8.25	7.70	14.73	5698*
	03/23/17	6.89	8.02	13.27	6309*

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-20C	11/13/96	2.3	6.95	17.5	1290
	05/29/97	2.39	7.18	15.7	1570
	11/14/97	0.4	7.02	14.0	1620
	06/18/98	1.7	7.05	17.8	NA
	12/08/98	1.7	7.00	13.8	1800
	06/09/99	0.9	7.04	16.4	1788
	10/18/99	0.1	7.09	16.8	2190
	07/01/00	0.5	7.10	15.7	1871
	11/20/00	2.2	7.09	17.2	2400
	06/26/01	1.2	7.06	16.0	2520
	10/25/01	1.0	7.01	19.1	2840
	04/24/02	1.0	7.06	15.6	2300
	11/20/02	1.4	7.02	18.5	2590
	05/26/03	0.9	7.08	16.4	2360
	11/13/03	1.4	6.96	15.9	2209
	06/09/04	0.6	6.87	15.4	2174
	05/26/05	--	7.02	14.0	1612
	07/12/06	2.0	7.19	16.0	1652
	07/27/07	1.3	--	15.6	1276
	09/25/08	2.0	7.39	17.2	1395
	08/06/09	2.2	6.82	16.3	3393
	05/20/10	1.7	6.77	13.7	2383
	09/08/11	2.0	6.93	17.1	2620
	06/13/12	1.6	6.78	14.7	2330
	07/24/13	2.9	6.64	16.0	2421
	04/23/14	1.56	7.25	13.16	2214*
	05/06/15	4.98	7.02	14.03	2887*
	08/04/16	1.45	7.80	14.80	2208*
	03/21/17	1.08	7.31	11.62	2202*
6-21A	03/21/17	6.41	7.45	13.81	4252*
6-21B	11/11/96	NA	7.05	16.0	3575
	05/28/97	5.41	7.28	15.5	4420
	11/13/97	3.82	7.13	13.8	4120
	06/16/98	5.5	7.17	15.4	4260
	12/09/98	0.3	7.00	14.9	4500
	06/08/99	3.7	7.08	16.4	3760
	10/16/99	1.1	7.08	16.8	4300
	07/01/00	0.2	6.97	15.7	4300
	11/20/00	1.4	7.07	17.3	4180
	06/25/01	1.1	7.01	15.9	4270
	10/23/01	0.5	7.04	18.4	4030
	04/22/02	1.7	7.07	15.8	4280
	11/20/02	1.4	7.04	18.7	4400
	05/26/03	1.2	7.13	16.6	4130
	11/13/03	1.3	6.92	15.9	3692
	06/08/04	2.4	6.89	15.3	4274
	05/25/05	--	6.97	15.6	4160
	07/12/06	2.1	7.14	16.2	3410
	07/26/07	2.0	--	14.9	3422
	09/24/08	2.0	7.28	16.2	3209
	08/05/09	2.5	6.81	16.1	4291
	05/19/10	2.0	6.65	14.0	4310
	09/08/11	1.2	6.93	16.3	4230
	06/13/12	1.9	6.81	16.2	4103
	07/25/13	2.2	6.70	15.6	4033
	04/24/14	--	--	--	--
	05/06/15	8.24	7.32	14.03	3542*
	08/04/16	6.45	7.75	17.17	3285*
	12/13/16	5.73	6.97	14.57	3415*
	03/23/17	6.14	7.67	13.21	3430*
	06/06/17	7.74	7.21	14.61	3014*
	09/06/17	7.01	6.98	15.06	3083*
	12/05/17	4.82	7.53	15.50	2931*

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-21C	11/13/96	3.9	6.83	16.0	1500
	05/30/97	2.61	7.09	15.9	1776
	11/14/97	6.88	6.67	11.9	1630
	06/18/98	1.8	7.09	17.5	NA
	12/09/98	1.7	7.05	15.1	1830
	06/09/99	1.6	7.10	14.9	1741
	10/18/99	0.6	7.12	17.1	1706
	07/01/00	0.1	7.10	16.2	1710
	11/20/00	1.5	7.17	17.4	1617
	06/26/01	1.1	7.11	16.6	1658
	10/23/01	0.8	7.11	19.0	1705
	04/23/02	--	7.03	15.5	1762
	11/20/02	1.4	7.11	18.7	1699
	05/26/03	1.3	7.16	16.9	1682
	11/13/03	1.4	7.01	16.0	1524
	08/09/04	--	7.00	17.0	1787
	05/25/05	--	7.04	14.7	1716
	07/12/06	1.9	7.21	16.5	1434
	07/27/07	2.0	--	15.9	1514
	09/25/08	1.9	7.41	17.5	1387
	08/06/09	2.0	6.89	16.7	1730
	05/20/10	2.0	6.79	13.9	1767
	09/09/11	2.3	7.05	16.6	1539
	06/13/12	1.6	6.88	16.3	1625
	07/24/13	1.9	6.77	17.3	1751
	04/23/14	--	7.47	13.5	1965*
	05/06/15	7.10	6.94	13.64	2258*
	08/04/16	3.97	7.47	15.66	2160*
	12/13/16	4.89	6.32	14.32	1916*
	03/21/17	2.73	7.24	12.11	2279*
	06/06/17	1.60	6.95	14.57	2067*
	09/07/17	2.63	7.25	17.76	3138*
	12/05/17	1.85	7.28	16.87	1724*
6-22B	11/11/96	NA	7.06	19.5	4400
	05/27/97	3.4	7.14	17.9	4640
	11/13/97	2.9	6.89	15.0	5200
	06/16/98	1.6	6.89	15.6	6460
	12/09/98	0.3	6.88	14.5	6610
	06/09/99	2.54	6.94	14.6	6150
	10/16/99	2.2	7.10	16.3	6390
	06/30/00	0.4	6.92	15.5	6350
	11/20/00	1.6	6.98	17.2	6130
	06/25/01	1.4	6.94	15.6	6250
	10/23/01	1.0	6.94	18.5	6440
	4/22/002	1.5	6.90	15.7	6490
	11/19/02	1.4	6.99	18.4	6440
	05/24/03	0.9	6.94	16.3	6260
	11/13/03	2.7	6.79	15.2	5530
	06/08/04	2.2	6.73	15.5	6322
	05/25/05	--	6.79	15.7	6390
	07/12/06	2.4	7.07	15.5	5086
	07/26/07	1.1	--	15.5	5292
	09/25/08	1.3	7.14	16.3	4776
	08/05/09	2.1	6.58	15.9	6204
	05/19/10	2.7	6.50	13.7	6292
	09/08/11	1.4	6.72	16.1	6041
	06/13/12	2.4	6.76	14.8	6153
	07/25/13	1.7	6.56	15.9	6059
	04/24/14	--	--	--	--
	05/06/15	9.27	7.21	14.01	6676*
	08/04/16	3.79	7.23	17.90	6340*
	12/13/16	4.29	7.01	14.66	5849*
	03/23/17	No Parameters Collected Due to Low Volume			
	06/06/17	No Parameters Collected Due to Low Volume			
	09/07/17	No Parameters Collected Due to Low Volume			
	12/05/17	No Parameters Collected Due to Low Volume			

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-22C	11/13/96	2.6	6.88	17.2	1210
	05/29/97	NA	7.12	16.1	1619
	11/14/97	4.61	7.00	13.9	1530
	06/18/98	1.4	6.80	19.3	NA
	12/09/98	--	--	--	--
	06/09/99	--	--	--	--
	10/18/99	--	--	--	--
	07/01/00	--	--	--	--
	11/20/00	--	--	--	--
	06/26/01	--	--	--	--
	10/23/01	--	--	--	--
	04/23/02	--	--	--	--
	11/20/02	--	--	--	--
	05/26/03	--	--	--	--
	11/13/03	--	--	--	--
	06/09/04	--	--	--	--
	05/25/05	--	6.94	15.1	2520
	07/12/06	--	--	--	--
	07/27/07	--	--	--	--
	09/25/08	--	--	--	--
	08/06/09	--	--	--	--
	05/20/10	--	--	--	--
	09/09/11	--	--	--	--
	06/13/12	--	--	--	--
	07/24/13	--	--	--	--
	04/23/14	1.78	6.86	13.25	3322*
	05/06/15	4.90	6.95	13.48	2363*
	08/03/16	3.02	7.29	15.58	3207*
	12/13/16	3.35	7.06	14.05	2005*
	03/22/17	2.51	7.18	11.89	2756*
	06/06/17	3.25	7.00	14.72	2093*
	09/07/17	2.04	8.19	16.02	2004*
	12/05/17	1.57	7.23	15.17	1693*
6-28	11/11/96	6.58	7.40	15.0	2600
	05/27/97	8.24	7.85	20.0	2590
	11/12/97	5.74	7.52	14.5	2700
	06/16/98	10.4	7.68	19.8	3220
	06/07/99	--	7.70	14.5	2950
	06/27/00	7.3	7.72	14.9	3180
	06/22/01	--	7.93	16.4	3260
	04/22/02	8.4	7.80	17.5	3330
	05/24/03	7.6	7.85	16.6	3200
	06/08/04	6.4	7.60	15.3	3263
	05/19/10	7.6	7.44	14.2	3251
	09/08/11	4.0	7.29	16.3	3104
	06/13/12	6.9	7.33	15.8	3141
	07/26/13	6.5	7.36	15.4	3091
	04/25/14	6.5	6.85	14.5	3054*
	03/21/17	6.85	7.83	14.27	3494*

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-30	11/11/96	10.84	7.88	18.0	1710
	05/27/97	9.1	7.81	19.2	1800
	11/12/97	7.33	7.88	16.0	810
	06/16/98	8.0	7.63	17.1	1700
	06/07/99	--	7.83	17.5	1900
	06/27/00	5.4	7.43	15.1	2510
	06/22/01	6.9	7.71	15.4	2280
	04/22/02	8.2	7.64	16.6	2320
	05/24/03	1.0	7.35	16.8	2590
6-33	06/08/04	6.6	7.05	15.8	3054
	05/28/97	7.58	7.59	19.5	2880
	06/16/98	7.6	7.40	32.6	3110
	06/07/99	--	7.51	15.3	2730
	06/27/00	7.8	7.55	14.7	3140
	06/22/01	--	--	--	--
	04/22/02	9.1	7.64	16.9	3290
	05/24/03	7.6	7.63	16.5	3200
	06/08/04	6.2	7.39	15.3	3226
	05/19/10	7.7	7.25	14.2	3217
	09/08/11	3.8	7.26	16.5	3044
	06/13/12	6.4	7.36	14.9	3077
	07/26/13	4.4	7.11	15.5	2974
	04/25/14	5.9	7.24	14.8	3091*
	03/23/17	5.16	7.67	13.62	3877*
6-34	11/12/96	7.30	6.95	17.8	1280
	05/27/97	3.24	6.96	15.9	1755
	11/13/97	3.69	7.04	14.1	1640
	06/17/98	1.9	6.80	17.2	2640
	06/09/99	3.1	6.58	15.8	3000
	06/27/00	0.0	6.82	16.4	2200
	06/23/01	0.5	7.10	16.4	2300
	04/25/02	0.6	6.97	15.3	2060
	05/26/03	0.7	6.92	16.3	1637
	06/10/04	1.9	6.74	14.8	1479
	05/26/05	--	6.69	15.4	1541
	07/11/06	1.5	6.73	16.7	1366
	07/27/07	1.9	--	15.5	1371
	09/25/08	1.4	7.04	17.0	1326
	08/07/09	1.6	6.56	16.2	2581
	03/21/17	2.68	7.41	12.25	1246*
6-35	05/28/97	3.37	7.01	16.6	2420
	06/17/98	1.2	6.65	17.4	1678
	12/10/98	1.3	6.98	13.3	1840
	06/08/99	1.9	6.92	17.4	2730
	10/18/99	0.0	6.88	18.1	2050
	06/28/00	0.0	6.80	16.5	2140
	11/18/00	1.4	6.95	17.9	2240
	06/23/01	0.6	6.76	16.7	1734
	10/25/01	1.1	7.00	19.8	1924
	04/25/02	1.1	6.97	16.0	1901
	11/21/02	1.3	6.96	19.5	1833
	05/26/03	0.4	7.00	16.5	1724
	11/13/03	1.0	6.74	17.3	1531
	06/10/04	1.2	6.72	15.4	1719
	05/26/05	--	6.76	15.7	1628
	07/11/06	1.5	6.76	17.3	1445
	Plugged and Abandoned				

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-36	11/12/96	4.30	6.91	16.5	3100
	05/27/97	6.98	7.07	20.2	2990
	11/13/97	5.03	6.85	13.8	3350
	06/17/98	6.0	6.89	17.6	435
	12/11/98	4.3	6.95	13.5	3670
	06/09/99	8.7	6.87	14.6	3510
	10/18/99	4.9	7.07	16.7	3550
	07/01/00	6.4	7.07	15.4	3540
	11/19/00	5.4	7.05	17.7	3650
	06/25/01	5.0	7.09	15.9	3680
	10/24/01	2.6	7.03	19.2	4010
	04/25/02	4.9	7.20	16.2	3690
	11/21/02	3.6	7.15	18.9	3780
	05/27/03	6.2	7.24	16.7	3520
	11/13/03	5.7	7.13	16.5	3041
	06/08/04	5.4	7.11	15.3	3441
	05/25/05	--	7.23	14.4	3460
	07/12/06	4.9	7.22	16.3	2802
	07/26/07	5.1	--	15.7	2832
	09/25/08	5.0	7.47	16.5	2509
	08/06/09	6.0	7.01	16.2	3222
	05/19/10	7.5	6.96	14.0	3223
	09/08/11	3.8	7.05	16.8	3061
	06/13/12	6.4	7.08	15.3	3100
	07/24/13	6.0	6.88	16.9	3020
	04/24/14	6.76	7.31	14.20	2969*
	05/06/15	--	--	--	--
	08/04/16	3.49	7.41	16.31	3477*
	03/23/17	2.88	7.43	13.32	3645*
6-37	11/13/96	5.50	7.01	17.5	1200
	05/29/97	5.0	7.15	16.1	1385
	11/14/97	5.53	6.95	14.4	1290
	06/17/98	4.0	7.18	17.0	1438
	12/10/98	3.4	7.23	13.8	1373
	06/09/99	--	7.18	16.8	1470
	10/18/99	0.4	7.17	17.7	1304
	06/27/00	2.2	7.14	16.8	1311
	11/20/00	4.2	7.26	18.0	1334
	06/25/01	4.6	7.18	16.6	1407
	04/24/02	7.9	7.34	16.3	2120
	11/21/02	3.1	7.07	19.4	1475
	05/27/03	2.5	7.17	16.8	1833
	11/13/03	2.9	7.13	16.8	1539
	06/10/04	3.3	7.11	15.5	1373
	05/26/05	--	7.06	15.2	1290
	07/13/06	7.1	7.07	16.9	1678
	07/27/07	5.9	--	16.0	1635
	09/26/08	6.5	7.45	17.3	1601
	08/07/09	7.8	7.12	16.3	2186
	03/21/17	4.43	7.65	12.45	1844*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-38	05/28/97	5.21	7.72	17.0	2510
	06/24/01	--	--	--	--
	10/25/01	--	--	--	--
	04/25/02	--	--	--	--
	11/21/02	--	--	--	--
	05/27/03	--	--	--	--
	11/14/03	--	--	--	--
	06/10/04	--	--	--	--
6-39	03/21/17	1.82	8.11	13.68	1234*
	11/12/96	NA	6.99	19.0	2600
	05/27/97	3.0	7.24	17.8	2910
	11/13/97	2.97	7.21	16.2	1120
	06/08/99	--	--	--	--
	06/28/00	--	--	--	--
	06/26/01	--	--	--	--
	10/25/01	--	--	--	--
	04/25/02	--	--	--	--
	11/21/02	--	--	--	--
	05/27/03	--	--	--	--
	11/14/03	--	--	--	--
	06/10/04	--	--	--	--
	03/21/17	2.43	7.65	13.69	2906*
6-40	12/10/98	5.4	7.03	12.1	1894
	06/08/99	5.14	6.96	15.1	1690
	10/16/99	1.4	7.17	16.7	2030
	07/01/00	0.7	7.11	15.4	1822
	11/20/00	2.7	7.27	17.3	2160
	06/25/01	1.7	7.07	16.9	1869
	10/23/01	0.9	7.12	18.4	1950
	04/23/02	1.2	7.03	16.2	1952
	11/20/02	1.8	7.18	18.6	2040
	05/26/03	0.8	7.14	16.8	1780
	11/13/03	1.0	7.00	16.1	1609
	06/10/04	4.3	7.20	14.6	1844
	05/24/05	--	7.10	15.7	1793
	07/12/06	1.7	7.20	15.8	1403
	07/26/07	1.5	--	15.2	1373
	09/25/08	2.1	7.41	16.3	1385
	08/06/09	1.6	6.91	15.8	1934
	05/20/10	2.5	6.90	14.1	1924
	09/09/11	1.9	6.95	15.7	1814
	06/14/12	1.4	6.93	14.7	1782
	07/25/13	2.0	6.78	15.9	1928
	04/23/14	1.72	7.21	14.15	1981*
	05/06/15	5.98	7.04	14.18	2288*
	08/03/16	4.41	7.39	14.93	2189*
	12/13/16	6.49	7.11	15.04	2007*
	03/22/17	5.10	7.46	13.22	2350*
	06/06/17	5.26	7.16	15.61	2089*
	09/07/17	4.26	7.34	16.60	1787*
	12/05/17	3.17	7.35	14.76	1656*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-41	12/10/98	7.2	7.55	13.0	2450
	06/08/99	5.78	7.09	15.8	1630
	10/16/99	3.0	7.40	16.6	2770
	07/01/00	1.3	7.22	15.2	2500
	11/19/00	4.2	7.40	17.3	3430
	06/24/01	4.3	7.36	15.6	3260
	10/24/01	4.0	7.37	18.2	3360
	04/24/02	5.0	7.41	15.8	3700
	11/20/02	5.8	7.48	18.6	3750
	05/27/03	3.4	7.44	16.6	2250
	11/13/03	2.1	7.22	16.0	2151
	06/10/04	6.4	7.40	15.1	2470
	05/24/05	--	7.10	15.0	2180
	07/12/06	2.3	7.28	15.4	1741
	07/26/07	2.3	--	15.0	1741
	09/25/08	2.4	7.46	16.4	1777
	08/06/09	3.2	7.16	15.7	2975
	05/20/10	4.7	7.01	14.0	3640
	09/09/11	2.5	7.01	15.6	5470
	06/14/12	1.7	7.06	14.3	3003
	07/25/13	2.4	7.01	16.0	1775
	04/25/14	2.99	6.98	14.08	1845*
	05/05/15	6.86	7.19	13.89	2275*
	08/03/16	3.62	7.20	14.55	2030*
	03/22/17	4.38	7.36	12.79	2244*
6-42	06/08/99	5.9	5.91	14.8	2180
	10/16/99	6.8	7.51	16.7	2380
	07/01/00	6.6	7.39	15.2	2350
	11/19/00	6.6	7.51	17.4	2670
	06/24/01	8.5	7.45	15.8	2540
	10/24/01	7.7	7.52	18.5	2410
	04/24/02	7.3	7.61	15.8	2780
	11/20/02	7.0	7.52	18.8	2950
	05/27/03	7.5	7.69	16.7	2510
	11/13/03	6.5	7.43	15.9	1855
	06/10/04	8.6	7.63	16.0	2140
	05/24/05	--	7.32	14.7	2010
	07/12/06	5.6	7.45	15.7	1632
	07/26/07	5.9	--	15.2	1608
	09/25/08	5.4	7.59	16.2	1529
	08/06/09	6.4	7.12	16.1	2087
	05/19/10	7.8	7.16	13.8	2452
	09/08/11	4.1	7.15	16.3	2644
	06/13/12	7.6	7.16	14.6	2568
	07/25/13	6.4	6.97	16.6	1819
	04/25/14	6.81	7.33	14.29	1806*
	05/05/15	7.76	7.58	14.16	2112*
	08/04/16	6.94	7.98	15.15	1977*
	03/22/17	7.40	7.83	12.88	2201*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-43	12/10/98	7.6	7.49	14.4	4260
	06/08/99	6.06	7.29	15.4	3560
	10/16/99	7.2	7.55	16.0	4290
	06/29/00	7.5	7.46	15.1	4290
	11/19/00	8.1	7.46	17.2	4400
	06/24/01	9.6	7.50	15.2	4260
	10/23/01	9.1	7.46	18.2	4400
	04/24/02	8.8	7.49	15.8	4340
	11/19/02	8.8	7.45	18.3	4370
	05/25/03	8.6	7.53	16.2	4310
	11/14/03	7.2	7.34	16.1	3756
	06/10/04	8.8	7.50	14.9	4410
6-44	03/21/17	4.23	7.41	12.82	5895*
	12/10/98	7.5	7.41	13.4	4280
	06/08/99	6.8	7.29	18.0	3520
	10/16/99	8.1	7.53	16.6	4380
	07/01/00	8.8	7.44	15.3	4320
	11/19/00	7.9	7.48	17.5	4430
	06/25/01	--	7.47	16.1	4280
	10/24/01	8.9	7.44	18.7	4380
	04/24/02	9.2	7.47	16.2	4330
	11/19/02	8.6	7.47	18.7	4390
	05/24/03	8.4	7.53	16.8	4290
	11/14/03	6.6	7.37	16.7	3799
	06/10/04	6.8	7.28	15.2	4313
	05/24/05	--	7.20	15.8	4410
	07/12/06	7.1	7.51	15.9	3614
	07/26/07	7.0	--	15.7	3758
	09/25/08	6.7	7.67	16.6	3389
	08/06/09	7.4	7.16	16.1	4360
	05/20/10	8.1	7.10	14.3	4378
	09/09/11	7.3	7.25	16.1	4167
	06/14/12	7.2	7.09	15.2	4228
	07/25/13	7.3	7.18	16.3	4134
	04/25/14	7.21	7.22	14.44	4035*
	05/05/15	8.18	7.60	14.78	4227*
	08/04/16	8.15	8.11	15.08	4052*
	03/21/17	7.90	7.76	13.67	4302*

Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-45	06/27/00	8.1	7.46	15.1	3960
	11/18/00	8.2	7.44	16.7	4140
	06/22/01	--	7.80	15.6	3960
	10/23/01	8.5	7.54	18.5	4020
	04/22/02	9.5	7.68	16.6	4050
	11/19/02	9.2	7.62	18.5	3980
	05/24/03	8.9	7.73	17.1	3850
	11/12/03	7.3	7.57	15.9	3432
	06/08/04	7.4	7.54	17.1	3892
	05/23/05	--	7.44	15.7	3970
	07/12/06	6.9	7.55	15.7	3307
	07/26/07	7.2	--	14.9	3118
	09/24/08	7.3	7.56	16.0	3033
	08/05/09	9.8	7.13	15.8	3997
	05/19/10	8.5	7.24	14.1	4015
	09/08/11	4.7	7.24	16.2	3822
	06/13/12	7.6	7.44	16.6	3877
	07/26/13	6.9	7.42	15.7	3792
	04/25/14	7.8	7.71	14.8	3738*
	08/03/16	7.46	6.92	14.5	3374*
	03/21/17	7.40	7.48	13.19	3854*
6-46	06/27/00	7.0	7.52	14.9	2570
	11/18/00	6.8	7.51	17.2	2720
	06/22/01	--	7.73	15.7	3020
	10/23/01	8.2	7.60	18.3	2950
	04/22/02	9.3	7.58	16.1	3960
	11/19/02	8.9	7.58	18.6	4160
	05/24/03	8.8	7.63	16.6	4310
	11/12/03	7.2	7.57	16.0	2544
	06/08/04	7.7	7.45	15.5	2795
	05/23/05	--	7.37	15.2	2430
	07/12/06	1.7	7.42	15.5	1858
	07/26/07	1.7	--	15.1	1793
	09/24/08	1.8	7.49	16.4	1632
	08/05/09	6.0	7.15	16.6	2185
	05/19/10	7.2	7.42	14.0	2366
	09/08/11	2.4	6.95	16.1	3300
	06/13/12	3.0	7.10	14.6	3950
	07/26/13	1.9	6.96	15.8	6757
	04/24/14	3.27	7.13	14.03	3877*
	05/06/15	5.38	7.23	14.01	2661*
	08/02/16	11.80	6.72	15.34	2169*
	03/21/17	3.20	7.39	13.39	2458*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-47	06/27/00	4.0	7.15	15.1	3460
	11/18/00	4.4	7.22	16.6	3660
	06/22/01	--	7.34	16.4	3380
	10/23/01	3.7	7.16	18.3	3620
	04/22/02	4.8	7.26	15.6	3660
	11/19/02	5.9	7.14	18.5	3720
	05/24/03	4.3	7.30	16.4	3610
	11/12/03	2.6	7.02	16.2	2334
	06/08/04	3.7	7.03	15.4	3731
	05/23/05	--	7.12	15.3	3880
	07/12/06	1.6	7.09	15.1	3116
	07/26/07	1.1	--	15.3	3193
	09/24/08	1.8	7.18	16.4	2870
	08/05/09	2.7	6.64	16.2	3695
	05/19/10	2.9	6.96	13.8	3705
	09/08/11	2.0	6.98	16.2	3652
	06/13/12	4.5	7.02	14.6	3662
	07/26/13	3.6	6.76	15.7	3516
	04/24/14	3.83	6.99	13.83	3420*
	05/06/15	9.01	7.29	14.98	3704*
	08/03/16	15.22	6.96	16.19	2745*
6-48	03/21/17	3.91	7.21	13.03	3500*
	06/27/00	7.2	7.49	15.6	3910
	11/18/00	8.1	7.54	16.6	4110
	06/22/01	--	7.77	--	3940
	10/23/01	8.2	7.58	18.0	3960
	04/22/02	9.3	7.63	16.3	4020
	11/19/02	9.7	7.49	18.1	3960
	05/24/03	8.5	7.68	16.6	3970
	11/12/03	7.2	7.47	15.7	3440
	06/08/04	7.7	7.44	16.6	3986
6-48B (Previously 6-51)	03/21/17	6.93	7.63	13.51	4644*
	06/27/00	6.7	9.13	15.0	2870
	11/18/00	6.1	8.06	16.2	3770
	06/22/01	--	7.98	15.1	3820
	10/23/01	8.5	7.78	17.4	3690
	04/22/02	8.1	7.65	16.5	3840
	11/19/02	8.4	7.60	17.8	3860
	05/24/03	7.2	7.66	16.4	3810
	11/12/03	6.3	7.55	15.3	3276
	06/08/04	6.4	7.46	15.0	3741
	05/23/05	--	7.59	15.9	3900
	07/12/06	6.7	7.51	14.9	3185
	07/26/07	7.0	--	14.7	3275
	09/24/08	6.6	7.68	15.4	2946
	08/05/09	9.5	7.11	15.6	3852
	05/19/10	7.9	7.28	14.3	3898
	09/08/11	4.5	7.41	15.9	3837
	06/13/12	7.5	7.24	14.8	3871
	07/26/13	6.81	7.21	15.20	3901
	05/06/15	8.16	7.65	14.68	4338*
	08/03/14	12.57	7.59	14.92	3855*
	08/03/14	12.57	7.59	14.92	3855*
	03/22/17	6.23	7.62	13.84	4431*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmohs/cm)
6-49	11/18/00	--	--	--	--
	06/22/01	--	7.61	15.7	3560
	10/23/01	7.6	7.40	18.0	3750
	04/22/02	8.7	7.47	16.4	3780
	11/19/02	8.4	7.43	18.1	3820
	05/24/03	8.0	7.53	16.7	3720
	11/12/03	6.9	7.41	15.5	3290
	06/08/04	7.4	7.37	16.9	3766
	05/23/05	--	7.50	15.8	3850
	07/12/06	6.7	7.31	15.7	3081
	07/26/07	6.8	--	16.7	3301
	09/24/08	7.1	7.60	17.6	2964
	08/05/09	9.3	7.16	18.4	3775
	03/20/17	Not Sampled Well Was Dry			
6-49B (Previously 6-52)	11/18/00	--	7.98	15.1	3820
	06/22/01	--	8.02	16.3	3160
	10/23/01	8.1	8.02	17.4	3310
	04/22/02	8.9	7.97	16.5	3500
	11/19/02	8.8	7.68	17.8	3540
	05/24/03	8.4	7.75	17.1	3510
	11/12/03	7.1	7.48	15.1	3140
	06/08/04	7.3	7.39	15.5	3662
	05/23/05	--	7.48	15.3	3760
	07/12/06	7.0	7.49	15.2	3043
	07/26/07	7.1	--	14.9	3176
	09/24/08	7.5	7.64	15.3	2807
	08/05/09	9.8	6.81	15.7	3729
	05/19/10	8.6	7.20	14.5	3776
	09/08/11	4.7	7.29	15.8	3683
	06/13/12	7.5	7.25	14.9	3769
	07/26/13	7.23	7.12	15.29	3723
	05/06/15	8.07	7.47	14.71	4258*
	08/04/16	7.49	7.48	14.80	3849*
	03/22/17	6.81	7.62	14.26	4221*

**Groundwater Quality Field Parameters Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (mmhos/cm)
6-50	11/18/00	7.8	7.44	16.6	4190
	06/22/01	--	7.52	16.3	4060
	10/23/01	8.0	7.34	18.2	4120
	04/22/02	9.6	7.43	16.3	4180
	11/19/02	10.0	7.39	18.4	4170
	05/24/03	8.8	7.45	17.1	4050
	11/12/03	7.0	7.34	15.6	3600
	06/08/04	8.9	7.02	17.7	3894
6-50B (Previously 6-53)	05/23/05	--	7.47	17.0	4210
	06/27/00	--	--	--	--
6-PW6	05/28/97	4.33	7.48	16.2	1237
	06/16/98	3.2	7.20	16.7	1533
	06/08/99	3.1	7.28	17.0	1599
	06/28/00	1.2	7.14	16.7	1571
	06/23/01	1.3	7.16	17.1	1482
	04/25/02	3.4	7.30	16.4	1795
	05/24/03	1.3	7.17	17.2	1480
	06/09/04	2.0	7.09	16.6	1667
6-CH1	03/20/17	Not Sampled			
	02/20/15	7.6	7.9	17.0	3567*
6-CH2	Plugged and Abandoned 2015				
	02/20/15	8.32	8.33	17.55	2252*
6-CH3	Plugged and Abandoned 2015				
	02/20/15	--	--	--	--
6-CH4	Plugged and Abandoned 2015				
	02/20/15	1.53	6.11	16.84	7589*
6-CH5	Plugged and Abandoned 2015				
	02/20/15	4.66	6.79	16.64	8494*
	Plugged and Agandoned 2015				

Notes:

°C = degrees celcius

mg/L = milligrams per liter

mmhos/cm = millimhos per centimeter

* = conductivity measured in microsiemens per centimeter

-- = data not available

EVO = Emmulsified vegetable oil

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-06	02/27/92	--	< 5	47	9.6	< 5	6.6	< 5	--	--	--
	06/03/92	--	2	33	7	< 1	5	3	--	--	--
	12/10/92	--	0.3	17	4.9	< 0.2	1.3	1.3	--	--	--
	06/16/93	--	0.3	18	5.4	< 0.2	1.7	1.7	--	--	--
	06/06/94	--	1.1	15	5	0.4	2.4	2.5	--	--	--
	06/13/95	--	1	8	3.7	< 0.2	2.1	2.1	--	--	--
	05/14/96	--	0.4	3.5	1.9	< 0.2	1.4	0.5	--	--	--
	05/28/97	--	0.5	4.5	2.4	< 0.2	2.2	1	--	--	--
	06/16/98	--	0.3	1.8	3.2	< 0.2	0.6	1.3	--	--	--
	06/08/99	--	< 1	2	2	< 1	< 1	< 1	--	--	--
	06/29/00	--	< 1	1	3	< 1	1	< 1	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	04/25/02	--	< 1.0	1.4	1.4	< 1.0	< 1.0	< 1.0	--	--	--
05/24/03	--	< 1.0	1.2	1.6	< 1.0	< 1.0	< 1.0	--	--	--	
06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
03/23/17		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
6-07	01/15/92	--	< 5	54	20	< 5	8.5	< 5	--	--	--
	06/04/92	--	< 1	60	24	4	11	< 1	--	--	--
	12/11/92	--	< 0.2	45	25	2.1	8.4	< 0.2	--	--	--
	06/17/93	--	< 0.2	31	20	4.1	5	< 0.2	--	--	--
	06/08/94	--	< 0.2	25	20	3.9	6	< 0.2	--	--	--
	12/08/94	--	< 0.2	5.8	5.4	1.1	1.8	< 0.2	--	--	--
	06/16/95	--	< 0.2	14	7.6	1.7	5.2	< 0.2	--	--	--
	11/08/95	--	< 0.2	18	10	1.9	5.2	< 0.2	--	--	--
	05/16/96	--	< 0.2	21	< 0.2	14	2.7	6.6	--	--	--
	11/12/96	--	< 0.2	22	9.9	2.5	5.3	< 0.2	--	--	--
	05/27/97	--	< 0.2	15	8.8	2	5.4	< 0.2	--	--	--
	11/14/97	--	< 0.2	18	12	2.7	6.6	< 0.2	--	--	--
	06/17/98	--	< 0.2	16	10	3.1	7.0	< 0.2	--	--	--
	12/11/98	--	< 0.2	13	7.0	2.0	4.8	< 0.2	--	--	--
	06/08/99	--	< 1	16	9	4	8	< 1	--	--	--
	10/18/99	--	< 1	15	8	4	9	< 1	--	--	--
	07/01/00	--	< 1	11	7	3	9	< 1	--	--	--
	11/19/00	--	< 0.5	10.8	6.3	2.7	7.2	< 0.5	--	--	--
	06/26/01	--	< 5	9.91	6.56	< 5	10.6	< 5	--	--	--
	10/24/01	--	< 1	10.9	7.85	2.74	12.9	< 1	--	--	--
	04/25/02	--	< 1.0	8.7	5.4	2.8	7.8	< 1.0	--	--	--
	11/20/02	--	< 1.0	9.0	6.2	3.2	8.3	< 1.0	--	--	--
	05/26/03	--	< 1.0	7.9	5.8	2.9	8.4	< 1.0	--	--	--
	11/14/03	--	< 1.0	6.4	4.7	2.3	7.9	< 1.0	--	--	--
	06/09/04	--	< 1.0	7.0	4.9	2.2	8.1	< 1.0	--	--	--
	05/25/05	--	< 1.0	5.3	4.8	2.4	7.6	< 1.0	--	--	--
	07/13/06	--	< 1.0	1.0	2.3	< 1.0	< 1.0	< 1.0	--	--	--
	07/27/07	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/25/08	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	1.2	< 1.0	3.8	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	1.0	< 1.0	4.7	< 1.0	--	--	--
	09/09/11	--	< 1.0	1.5	2.1	1.1	2.9	< 1.0	--	--	--
	06/14/12	--	< 1.0	1.0	1.5	< 1.0	3.0	< 1.0	--	--	--
07/25/13	--	< 1.0	< 1.0	1.9	< 1.0	5.9	< 1.0	--	--	--	
04/25/14	< 1.0	< 1.0	< 1.0	1.3	< 1.0	3.7	< 1.0	< 1.0	< 1.0	< 1.0	
05/06/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
08/04/16	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-08	02/27/92	--	< 8.5	140	90	< 8.5	42	< 8.5	--	--	--
	06/05/92	--	< 5	89	--	< 5	25	5	--	--	--
	12/14/92	--	0.9	81	79	2.5	22	4.4	--	--	--
	06/18/93	--	0.4	51	63	1.8	14	3.9	--	--	--
	06/07/94	--	0.5	37	58	1.9	14	3.2	--	--	--
	12/07/94	--	0.5	24	48	1.4	9.3	3.3	--	--	--
	06/16/95	--	0.4	11	54	1	5.6	2.7	--	--	--
	11/08/95	--	< 0.2	6.7	59	0.6	4	2.5	--	--	--
	05/15/96	--	0.3	6.9	72	0.5	6	3.4	--	--	--
	11/12/96	--	0.3	8.6	77	0.7	4.5	2.9	--	--	--
	05/27/97	--	0.3	2.2	50	< 0.2	3.2	1.7	--	--	--
	11/14/97	--	0.4	2.9	60	0.4	2.8	1.5	--	--	--
	06/17/98	--	< 0.2	2.1	43	0.2	1.2	0.9	--	--	--
	06/08/99	--	< 1	4	44	< 1	4	1	--	--	--
	07/01/00	--	< 1	5	91	< 1	10	2	--	--	--
	06/25/01	--	< 5	< 5	27.1	< 5	< 1	< 5	--	--	--
	04/25/02	--	< 1.0	1.2	8.9	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	1.1	27	< 1.0	< 1.0	< 1.0	--	--	--
	06/10/04	--	< 1.0	6.6	85	< 1.0	4.2	< 1.0	--	--	--
	05/25/05	--	< 1.0	30	220	2.4	27	1.2	--	--	--
	07/13/06	--	< 1.0	2.1	77	< 1.0	5.2	< 1.0	--	--	--
	07/26/07	--	< 1.0	< 1.0	14	< 1.0	1.5	< 1.0	--	--	--
	09/25/08	--	< 1.0	< 1.0	13	< 1.0	< 1.0	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	11	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	4.3	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	4.7	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	--	--	--
	07/25/13	--	< 1.0	< 1.0	8.2	< 1.0	< 1.0	< 1.0	--	--	--
	04/25/14	< 1.0	< 1.0	< 1.0	8.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/06/15	< 1.0	< 1.0	< 1.0	6.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/03/16	< 1.0	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/22/17	< 1.0	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	2.3	< 1.0
6-09	01/16/92	--	< 100	1300	370	< 100	330	< 100	--	--	--
	06/09/92	--	< 25	2000	370	< 25	560	< 25	--	--	--
	12/17/92	--	0.9	1400	500	33	560	16.8	--	--	--
	06/23/93	--	< 1	1300	440	4.9	570	4.5	--	--	--
	12/08/93	--	< 10	700	310	19	320	< 10	--	--	--
	06/13/94	--	0.9	1200	450	14	530	17	--	--	--
	12/16/94	--	< 2	490	520	21	430	13	--	--	--
	06/20/95	--	< 2	570	580	10	400	15	--	--	--
	11/10/95	--	< 2	630	< 2	< 2	600	6.9	--	--	--
	05/29/96	--	1.4	550	600	6.7	540	14	--	--	--
	11/13/96	--	2.0	490	770	7.4	470	8.6	--	--	--
	05/30/97	--	< 4.0	380	630	< 4.0	340	7.9	--	--	--
	11/14/97	--	< 4.0	70	520	< 4.0	210	< 4.0	--	--	--
	06/18/98	--	< 2.0	230	640	< 2.3	310	14	--	--	--
	06/09/99	--	1	180	570	4	310	9	--	--	--
	06/29/00	--	< 1	67	360	5	230	8	--	--	--
	06/27/01	--	< 5	261	621	< 5	319	7.58	--	--	--
	04/24/02	--	< 1.0	190	240	1.9	62	4.8	--	--	--
	05/27/03	--	< 1.0	440	550	1.4	430	5.1	--	--	--
	06/10/04	--	< 10	84	410	< 10	150	< 10	--	--	--
	05/25/05	--	< 5	990	460	< 5	370	< 5	--	--	--
	07/13/06	--	< 1	370	680	< 1	310	2.8	--	--	--
	07/27/07	--	< 10	250	310	< 10	220	< 10	--	--	--
	09/26/08	--	< 1.0	< 1.0	280	1.9	140	3.2	--	--	--
	08/07/09	--	< 1.0	< 1.0	200	1.5	89	2.8	--	--	--
	05/20/10	--	< 1.0	5.9	170	< 1.0	130	1.9	--	--	--
	09/09/11	--	< 1.0	< 1.0	180	1.3	70	3	--	--	--
	06/14/12	--	< 10	< 10	130	< 10	91	< 10	--	--	--
	07/25/13	--	< 1.0	< 1.0	150	< 1.0	70	2.2	--	--	--
	04/23/14	2.8	< 1.0	< 1.0	120	1.1	44	1.6	< 1.0	< 1.0	1.1
	05/07/15	< 1.0	< 1.0	7.3	54	< 1.0	59	< 1.0	< 1.0	< 1.0	1.5
	08/03/16	2.1	< 1.0	< 1.0	70	< 1.0	32	1.1	< 1.0	< 1.0	< 1.0
06/06/17	1.3	< 1.0	< 1.0	34	< 1.0	15	< 1.0	< 1.0	< 1.0	< 1.0	
09/07/17	2.0	< 1.0	< 1.0	43	< 1.0	19	< 1.0	< 1.0	< 1.0	< 1.0	
12/06/17	2.1	< 1.0	< 1.0	43	< 1.0	14	< 1.0	< 1.0	< 1.0	1.1	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-10	02/28/92	--	< 25	450	370	< 25	140	< 25	--	--	--
	06/09/92	--	< 5	230	280	< 5	83	11	--	--	--
	12/17/92	--	0.9	230	540	3.4	110	13	--	--	--
	06/23/93	--	< 1	79	420	< 1	61	3.6	--	--	--
	12/08/93	--	0.4	< 10	360	< 10	46	9.4	--	--	--
	06/13/94	--	0.3	10	360	2	39	12	--	--	--
	06/20/95	--	< 1	14	430	1	49	7.7	--	--	--
	05/29/96	--	0.5	13	190	0.4	29	4.7	--	--	--
	05/30/97	--	< 1.0	66	180	< 1.0	24	2.9	--	--	--
	06/18/98	--	< 2.0	61	280	< 2.0	25	4.3	--	--	--
	06/09/99	--	< 1	7	160	< 1	21	3	--	--	--
	06/29/00	--	< 1	3	130	< 1	11	3	--	--	--
	06/27/01	--	< 5	59.9	250	< 5	44	< 5	--	--	--
	04/24/02	--	< 1.0	< 1.0	150	< 1.0	8.0	2.4	--	--	--
	05/27/03	--	< 1.0	290	300	< 1.0	84	1.6	--	--	--
	06/10/04	--	< 10	20	230	< 10	17	< 10	--	--	--
	05/25/05	--	< 5	110	130	< 5	29	< 5	--	--	--
	07/12/06	--	< 1.0	2.7	120	< 1.0	7.6	1.2	--	--	--
	07/27/07	--	< 1.0	3.3	49	< 1.0	4.8	< 1.0	--	--	--
	09/26/08	--	< 1.0	< 1.0	61	< 1.0	7.9	< 1.0	--	--	--
	08/07/09	--	< 1.0	< 1.0	82	< 1.0	13	1.3	--	--	--
	05/20/10	--	< 1.0	< 1.0	63	< 1.0	10	1.2	--	--	--
	09/09/11	--	< 1.0	< 1.0	53	< 1.0	6.8	1.2	--	--	--
	06/14/12	--	< 10	< 10	18	< 10	< 10	< 10	--	--	--
	07/25/13	--	< 1.0	< 1.0	51	< 1.0	9.0	< 1.0	--	--	--
	04/23/14	1.8	< 1.0	< 1.0	26	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0
	05/07/15	< 1.0	< 1.0	16	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/16	< 1.0	< 1.0	9.2	1.2	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0
	03/23/17	< 1.0	< 1.0	8.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-11	01/30/92	--	< 5	< 5	< 5	< 5	< 5	< 5	--	--	--
	06/04/92	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	12/09/92	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/14/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/02/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/15/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/15/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/27/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/17/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/08/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/30/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	11/20/00	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	04/24/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/27/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/14/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	03/23/17	< 1.0	< 1.0	< 1.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-12	01/31/92	--	< 10	110	210	< 10	81	< 10	--	--	--
	06/08/92	--	< 5	74	130	< 5	140	< 5	--	--	--
	12/14/92	--	< 0.2	130	91	2.7	230	1.3	--	--	--
	06/18/93	--	0.4	50	88	1.9	210	2	--	--	--
	06/09/94	--	0.6	32	110	2.5	120	3.9	--	--	--
	12/16/94	--	0.9	37	110	1.9	130	6	--	--	--
	06/19/95	--	0.6	24	76	1.1	130	3	--	--	--
	11/08/95	--	0.3	46	51	0.5	160	1.3	--	--	--
	05/17/96	--	0.5	26	88	0.9	130	8.6	--	--	--
	11/12/96	--	0.4	39	42	0.9	130	1.6	--	--	--
	05/30/97	--	1.0	7.7	95	< 0.4	96	3.1	--	--	--
	11/14/97	--	< 0.2	25	48	0.6	100	1.5	--	--	--
	06/18/98	--	0.3	9.7	89	0.6	56	4.2	--	--	--
	12/09/98	--	< 1.0	11	58	< 1.0	68	1.0	--	--	--
	06/09/99	--	< 1	8	71	< 1	57	2.0	--	--	--
	10/18/99	--	< 1	10	37	< 1	55	1.0	--	--	--
	06/29/00	--	< 1	9	27	< 1	58	< 1	--	--	--
	11/20/00	--	< 0.5	11.6	25.8	< 0.5	62.8	0.8	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/25/01	--	< 1	6.58	33.1	< 1	55.5	< 1	--	--	--
	04/24/02	--	< 1.0	3.7	24	< 1.0	23	< 1.0	--	--	--
	11/20/02	--	< 1.0	4.0	24	< 1.0	29	1.7	--	--	--
	05/26/03	--	< 1.0	4.4	44	< 1.0	43	1.6	--	--	--
	11/14/03	--	< 1.0	3.2	41	< 1.0	34	1.4	--	--	--
	06/10/04	--	< 1.0	3.0	53	< 1.0	32	2.5	--	--	--
	05/26/05	--	< 1.0	3.0	66	1.3	33	2.1	--	--	--
	07/13/06	--	< 1.0	3.9	230	1.1	43	3.2	--	--	--
	07/27/07	--	< 1.0	2.8	98	1.0	48	3.1	--	--	--
	09/26/08	--	< 1.0	2.4	98	1.0	58	3.1	--	--	--
	08/07/09	--	< 1.0	2.1	94	1.0	53	3.3	--	--	--
	05/20/10	--	< 1.0	< 1.0	33	< 1.0	8.0	< 1.0	--	--	--
	09/08/11	--	< 2.0	< 2.0	7.0	< 2.0	2.6	< 2.0	--	--	--
	06/13/12	--	< 1.0	< 1.0	12	< 1.0	7.3	< 1.0	--	--	--
	07/25/13	--	< 1.0	< 1.0	39	< 1.0	22	< 1.0	--	--	--
	04/24/14	< 1.0	< 1.0	< 1.0	41	< 1.0	12	1.1	< 1.0	< 1.0	< 1.0
	05/06/15	< 1.0	< 1.0	< 1.0	49	< 1.0	21	1.2	< 1.0	< 1.0	2.2
	08/03/16	< 1.0	< 1.0	< 1.0	66	< 1.0	21	1.4	< 1.0	< 1.0	< 1.0
	03/22/17	< 1.0	< 1.0	< 1.0	63	< 1.0	20	1.3	< 1.0	< 1.0	< 1.0
6-13	02/28/92	--	< 6.2	120	13	7.7	29	< 6.2	--	--	--
	06/04/92	--	< 10	220	20	10	50	< 10	--	--	--
	12/16/92	--	< 0.2	130	11	4.2	48	< 0.2	--	--	--
	06/22/93	--	< 1	95	6	3	23	< 1	--	--	--
	06/10/94	--	< 0.2	45	4.4	2.5	21	0.3	--	--	--
	06/16/95	--	< 0.2	16	1.9	0.4	5.9	< 0.2	--	--	--
	05/16/96	--	< 0.2	7.1	1.4	0.4	2.6	< 0.2	--	--	--
	05/29/97	--	< 0.2	4.4	5.6	< 0.2	5.2	< 0.2	--	--	--
	06/18/98	--	< 0.2	1.3	3.4	< 0.2	0.9	< 0.2	--	--	--
	06/10/99	--	< 1	2	3	< 1	1	< 1	--	--	--
	06/29/00	--	< 1	< 1	3	< 1	1	< 1	--	--	--
	06/26/01	--	< 5	7.1	23.3	< 5	55.6	< 5	--	--	--
	04/24/02	--	< 1.0	< 1.0	2.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/26/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	12/14/16	3	< 1.0	< 1.0	9.8	< 1.0	< 10.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/23/17	2.1	< 1.0	< 1.0	9.3	< 1.0	9.8	< 1.0	< 1.0	< 1.0	< 1.0
	06/06/17	2.3	< 1.0	< 1.0	12	1.3	11	< 1.0	< 1.0	< 1.0	< 1.0
09/07/17	3.0	< 1.0	< 1.0	14	< 1.0	12	1.1	< 1.0	< 1.0	< 1.0	
12/06/17	2.6	< 1.0	< 1.0	13	< 1.0	10	1.1	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-14	01/16/92	--	< 25	< 25	390	< 25	120	< 25	--	--	--
	06/09/92	--	< 5	< 5	330	< 5	100	14	--	--	--
	12/15/92	--	0.8	< 0.2	340	9.1	98	12	--	--	--
	06/21/93	--	< 1	2	470	8	96	10	--	--	--
	06/09/94	--	0.4	2.9	420	7.5	98	12	--	--	--
	06/20/95	--	0.4	1.6	590	5.3	130	9.6	--	--	--
	05/17/96	--	0.8	5	560	4	170	10	--	--	--
	05/30/97	--	< 4.0	15	610	< 4.0	180	6.9	--	--	--
	06/18/98	--	< 2.0	3.8	670	< 2.0	110	11	--	--	--
	06/09/99	--	< 1	3	500	2	100	7	--	--	--
	06/29/00	--	< 1	< 1	360	3	77	6	--	--	--
	11/20/00	--	< 1.0	< 1.0	183	1.5	28.3	2.9	--	--	--
	06/25/01	--	< 5	< 5	448	< 5	85.6	< 5	--	--	--
	10/25/01	--	< 1	< 1	186	1.14	44.8	2.62	--	--	--
	04/23/02	--	< 1.0	< 1.0	190	< 1.0	33	2.6	--	--	--
	11/21/02	--	< 1.0	< 1.0	160	1.0	24	2.5	--	--	--
	05/27/03	--	< 1.0	< 1.0	410	< 1.0	75	2.4	--	--	--
	11/14/03	--	< 1.0	1.7	280	< 1.0	54	2.0	--	--	--
	06/10/04	--	< 5.0	< 5.0	390	< 5.0	89	< 5.0	--	--	--
	05/26/05	--	< 5.0	< 5.0	360	< 5.0	78	< 5.0	--	--	--
	07/13/06	--	< 1.0	11	640	< 1.0	53	1.3	--	--	--
	07/27/07	--	< 10	15	380	< 10	87	< 10	--	--	--
	09/26/08	--	< 1.0	3.4	250	< 1.0	56	1.0	--	--	--
	08/07/09	--	< 1.0	2.7	170	< 1.0	42	1.2	--	--	--
	05/20/10	--	< 1.0	< 1.0	190	< 1.0	67	1.0	--	--	--
	09/08/11	--	< 1.0	< 1.0	180	< 1.0	65	1.4	--	--	--
	06/13/12	--	< 10	< 10	120	< 10	39	< 10	--	--	--
	07/24/13	--	< 1.0	< 1.0	130	< 1.0	44	< 1.0	--	--	--
	04/24/14	< 1.0	< 1.0	< 1.0	88	< 1.0	24	< 1.0	< 1.0	< 1.0	< 1.0
	05/06/15	< 1.0	< 1.0	< 1.0	66	< 1.0	12	< 1.0	< 1.0	< 1.0	1.9
	08/03/16	< 1.0	< 1.0	1.7	12	< 1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/14/16	1.4	< 1.0	1.7	53	< 1.0	20.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/22/17	< 1.0	< 1.0	< 1.0	20	< 1.0	4.7	< 1.0	< 1.0	< 1.0	< 1.0
	06/06/17	< 1.0	< 1.0	1.1	18	< 1.0	7.1	< 1.0	< 1.0	< 1.0	< 1.0
	09/07/17	1.6	< 1.0	< 1.0	54	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
	12/09/17	1.7	< 1.0	< 1.0	61	< 1.0	24	< 1.0	< 1.0	< 1.0	< 1.0
6-15	02/28/92	--	< 5	6	43	< 5	6.7	< 5	--	--	--
	06/08/92	--	< 5	< 5	23	< 5	< 5	< 5	--	--	--
	12/08/92	--	< 0.2	< 0.2	6.6	< 0.2	0.4	< 0.2	--	--	--
	06/16/93	--	< 0.2	< 0.2	13	< 0.2	< 0.2	0.5	--	--	--
	12/02/93	--	< 0.2	< 0.2	4.4	< 0.2	1.3	< 0.2	--	--	--
	06/03/94	--	< 0.2	< 0.2	10	< 0.2	0.4	1.2	--	--	--
	06/14/95	--	< 0.2	< 0.2	11	< 0.2	0.6	1.3	--	--	--
	05/14/96	--	0.7	0.8	42	0.2	5.1	4.3	--	--	--
	05/28/97	--	< 0.2	< 0.2	5.2	< 0.2	0.3	0.9	--	--	--
	06/17/98	--	< 0.2	< 0.2	4.8	< 0.2	< 0.2	0.5	--	--	--
	06/08/99	--	< 1	< 1	16	< 1	< 1	2	--	--	--
	07/01/00	--	< 1	< 1	34	< 1	6	3	--	--	--
	06/25/01	--	< 5	< 5	62	< 5	9.94	< 5	--	--	--
	04/25/02	--	< 1.0	< 1.0	6.0	< 1.0	< 1.0	1.1	--	--	--
	05/25/03	--	< 1.0	< 1.0	43	< 1.0	8.5	1.3	--	--	--
	06/10/04	--	< 1.0	< 1.0	12	< 1.0	< 1.0	1.3	--	--	--
	03/22/17	< 1.0	< 1.0	< 1.0	3.4	< 1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-16	06/09/92	--	< 5	67	44	< 5	9	< 5	--	--	--
	12/11/92	--	< 0.2	40	32	0.3	3.8	0.6	--	--	--
	06/17/93	--	0.3	26	30	1.6	3.4	1.4	--	--	--
	12/03/93	--	0.7	19	30	0.8	4.2	1.5	--	--	--
	06/07/94	--	0.4	19	23	1.4	3.9	1.2	--	--	--
	06/15/95	--	0.4	10	18	0.8	2.8	0.9	--	--	--
	11/09/95	--	0.2	9	19	0.4	2	0.6	--	--	--
	05/15/96	--	0.3	8.3	19	0.5	2.8	0.8	--	--	--
	11/11/96	--	< 0.2	7.4	20	0.6	1.5	0.8	--	--	--
	05/28/97	--	0.4	5.1	32	< 0.2	2.2	1.2	--	--	--
	11/14/97	--	0.9	11	51	0.7	4.9	1.5	--	--	--
	06/17/98	--	0.2	3.9	27	0.3	2.0	1.1	--	--	--
	12/10/98	--	< 0.2	2.4	15	< 0.2	0.7	0.4	--	--	--
	06/07/99	--	< 1	3	15	< 1	2	< 1	--	--	--
	10/18/99	--	< 1	3	12	< 1	2	< 1	--	--	--
	06/28/00	--	< 1	2	13	< 1	3	< 1	--	--	--
	11/19/00	--	< 0.5	1.4	7.6	< 0.5	1.3	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	10	< 5	2.71	< 5	--	--	--
	10/24/01	--	< 1	1.41	6.71	< 1	2.48	< 1	--	--	--
	04/23/02	--	< 1.0	1.4	6.6	< 1.0	1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	1.0	6.9	< 1.0	1.3	< 1.0	--	--	--
	05/25/03	--	< 1.0	1.3	6.1	< 1.0	1.0	< 1.0	--	--	--
	11/13/03	--	< 1.0	< 1.0	6.2	< 1.0	1.1	< 1.0	--	--	--
	06/09/04	--	< 1.0	1.0	6.0	< 1.0	1.1	< 1.0	--	--	--
	05/24/05	--	< 1.0	< 1.0	4.8	< 1.0	1.4	< 1.0	--	--	--
	07/13/06	--	< 1.0	< 1.0	4.2	< 1.0	< 1.0	< 1.0	--	--	--
	07/27/07	--	< 1.0	2.5	46	< 1.0	2.9	< 1.0	--	--	--
	09/25/08	--	< 1.0	< 1.0	8.3	< 1.0	1.2	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	5.9	< 1.0	1.3	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	6.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	6.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	6.2	< 1.0	< 1.0	< 1.0	--	--	--
	06/26/13	--	< 1.0	< 1.0	7.0	< 1.0	1.3	< 1.0	--	--	--
	04/25/14	< 1.0	< 1.0	< 1.0	4.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/06/15	< 1.0	< 1.0	< 1.0	3.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/16	< 1.0	< 1.0	< 1.0	3.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/23/17	< 1.0	< 1.0	< 1.0	9.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-17	06/09/92	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	12/09/92	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/02/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/12/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/15/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/28/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/07/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/28/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	03/22/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-18	06/08/92	--	3	4	2	< 1	< 1	< 1	--	--	--
	12/08/92	--	1.5	6.5	1.6	< 0.2	0.6	< 0.2	--	--	--
	06/15/93	--	0.8	8.3	1.1	< 0.2	0.9	0.3	--	--	--
	06/02/94	--	0.9	2.7	0.7	0.4	< 0.2	< 0.2	--	--	--
	06/13/95	--	2.1	15	1.6	< 0.2	2.1	0.8	--	--	--
	05/13/96	--	1.0	0.3	0.3	< 0.2	< 0.2	< 0.2	--	--	--
	05/28/97	--	0.5	1.2	0.7	< 0.2	0.3	< 0.2	--	--	--
	06/16/98	--	0.4	8	0.7	< 0.2	0.6	< 0.2	--	--	--
	06/08/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/29/00	--	< 1	4	< 1	< 1	< 1	< 1	--	--	--
	06/24/01	--	< 5	11.9	< 5	< 5	< 1	< 5	--	--	--
	04/25/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
06/10/04	--	< 1.0	3.4	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
03/22/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.8	< 1.0	
6-19	06/09/92	--	< 5	< 5	< 5	< 5	< 5	< 5	--	--	--
	12/09/92	--	< 0.2	< 0.2	0.3	0.9	< 0.2	< 0.2	--	--	--
	06/15/93	--	< 0.2	0.8	0.3	0.4	< 0.2	< 0.2	--	--	--
	12/01/93	--	< 0.2	0.6	0.3	0.5	< 0.2	< 0.2	--	--	--
	06/02/94	--	< 0.2	3.8	0.8	1.0	0.3	< 0.2	--	--	--
	06/13/95	--	< 0.2	3.6	1.0	0.2	0.8	< 0.2	--	--	--
	05/13/96	--	0.3	3.1	0.9	0.3	0.8	< 0.2	--	--	--
	05/28/97	--	0.2	1.6	0.5	< 0.2	0.5	< 0.2	--	--	--
	06/16/98	--	0.3	1.8	0.4	< 0.2	0.3	< 0.2	--	--	--
	06/08/99	--	< 1	1	< 1	< 1	< 1	< 1	--	--	--
	07/01/00	--	1	1	< 1	< 1	< 1	< 1	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	04/25/02	--	2.8	1.1	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	5.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/10/04	--	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/05	--	35	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	--	--	--
	07/13/06	--	23	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/26/07	--	21	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/25/08	--	14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	08/06/09	--	12	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	8.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
09/08/11	--	18	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
06/13/12	--	9.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
07/25/13	--	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
04/25/14	< 1.0	9.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	33	260	< 1.0	
05/06/15	< 1.0	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	45	340	< 1.0	
08/04/16	< 1.0	8.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	29	240	< 1.0	
03/23/17	< 1.0	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	35	230	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-20B	07/28/92	--	< 1	32	36	< 1	54	1	--	--	--
	12/15/92	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/18/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/03/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/07/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/08/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/15/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/07/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/16/96	--	< 0.2	0.3	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/12/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/28/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/14/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/17/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/10/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/09/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	10/16/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	07/01/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	11/21/00	--	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/26/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	--	--	--
	11/14/03	--	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	2.2	< 1.0	< 1.0	< 1.0	--	--	--
	05/26/05	--	< 1.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	--	--	--
	07/13/06	--	< 1.0	< 1.0	3.3	< 1.0	< 1.0	< 1.0	--	--	--
	07/27/07	--	< 1.0	< 1.0	3.5	< 1.0	< 1.0	< 1.0	--	--	--
	09/25/08	--	< 1.0	< 1.0	4.2	< 1.0	< 1.0	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	3.7	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	5.7	< 1.0	< 1.0	< 1.0	--	--	--
06/14/12	--	< 1.0	< 1.0	7.7	< 1.0	< 1.0	< 1.0	--	--	--	
07/26/13	--	< 1.0	< 1.0	8.4	< 1.0	< 1.0	< 1.0	--	--	--	
04/25/14	< 1.0	< 1.0	< 1.0	7.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
05/07/15	< 1.0	< 1.0	< 1.0	9.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
08/04/16	< 1.0	< 1.0	< 1.0	17	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	< 1.0	< 1.0	< 1.0	19	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-20C	07/27/92	--	< 5	9	250	< 5	64	7	--	--	--
	12/16/92	--	0.8	1.7	420	4.9	180	13	--	--	--
	06/22/93	--	< 1	4	340	2	100	7	--	--	--
	12/07/93	--	< 2	< 2	620	< 2	190	5.3	--	--	--
	06/10/94	--	0.5	4.4	660	4.4	150	15	--	--	--
	12/16/94	--	< 1	2.7	710	3.2	180	15	--	--	--
	06/20/95	--	0.4	1.5	700	2.4	140	12	--	--	--
	11/10/95	--	< 1	1.5	800	1.5	150	10	--	--	--
	05/29/96	--	0.4	1.9	72	1.4	410	9.4	--	--	--
	11/13/96	--	0.6	< 0.2	390	1.0	73	6.5	--	--	--
	05/29/97	--	< 2.0	< 2.0	300	< 2.0	37	3.5	--	--	--
	11/14/97	--	< 0.2	2.7	500	< 0.2	83	6.4	--	--	--
	06/18/98	--	< 2.0	2.6	470	< 2.0	54	8.0	--	--	--
	12/08/98	--	< 2.0	< 2.0	550	< 2.0	79	5.4	--	--	--
	06/09/99	--	< 1	1	390	< 1	66	5	--	--	--
	10/18/99	--	< 1	< 1	340	< 1	66	5	--	--	--
	07/01/00	--	< 1	2	290	< 1	44	4	--	--	--
	11/20/00	--	< 1.0	1.2	274	< 1.0	54.2	3.7	--	--	--
	06/26/01	--	< 5	< 5	326	< 5	77.7	< 5	--	--	--
	10/25/01	--	< 1	2.17	422	1.08	107	4.67	--	--	--
	04/24/02	--	< 1.0	2.8	290	< 1.0	52	4.0	--	--	--
	11/20/02	--	< 10	< 10	330	< 10	71	< 10	--	--	--
	05/26/03	--	< 1.0	8.0	390	1.0	75	3.8	--	--	--
	11/13/03	--	< 1.0	9.6	420	1.0	93	3.3	--	--	--
	06/09/04	--	< 5.0	22	370	< 5	130	< 5	--	--	--
	05/26/05	--	< 5.0	60	420	5.9	140	< 5	--	--	--
	07/12/06	--	< 1.0	12	380	< 1.0	43	< 1.0	--	--	--
	07/27/07	--	< 1.0	11	57	< 1.0	14	< 1.0	--	--	--
	09/25/08	--	< 1.0	1.2	190	< 1.0	51	1.3	--	--	--
	08/06/09	--	< 1.0	1.2	160	< 1.0	42	1.2	--	--	--
	05/20/10	--	< 1.0	< 1.0	170	< 1.0	45	< 1.0	--	--	--
	09/08/11	--	< 1.0	< 1.0	140	< 1.0	35	1.4	--	--	--
	06/13/12	--	< 1.0	< 1.0	110	< 1.0	30	< 1.0	--	--	--
07/24/13	--	< 1.0	< 1.0	92	< 1.0	31	< 1.0	--	--	--	
04/24/14	1.5	< 1.0	< 1.0	74	< 1.0	22	< 1.0	< 1.0	< 1.0	< 1.0	
05/06/15	< 1.0	< 1.0	3.9	5.9	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0	
08/04/16	< 1.0	< 1.0	4.6	12	< 1.0	3.7	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	< 1.0	< 1.0	3.5	6.5	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0	
6-21A	07/28/92	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	12/09/92	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/27/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-21B	07/28/92	--	< 5	< 5	< 5	< 5	< 5	< 5	--	--	--
	12/11/92	--	< 0.2	< 0.2	1.1	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/93	--	< 0.2	< 0.2	1.4	< 0.2	< 0.2	< 0.2	--	--	--
	12/02/93	--	< 0.2	< 0.2	0.9	< 0.2	< 0.2	< 0.2	--	--	--
	06/03/94	--	0.4	0.4	4.6	0.4	0.3	< 0.2	--	--	--
	12/08/94	--	0.7	0.7	11	0.7	1.6	0.3	--	--	--
	06/15/95	--	< 0.2	0.2	35	1.9	7.7	0.8	--	--	--
	11/07/95	--	< 0.2	< 0.2	77	2.2	17	1.2	--	--	--
	05/15/96	--	< 0.2	< 0.2	120	3.4	30	2.7	--	--	--
	11/12/96	--	< 0.2	< 0.2	120	2.5	40	2.7	--	--	--
	05/28/97	--	< 1.0	< 1.0	160	1.9	31	2.6	--	--	--
	11/14/97	--	< 0.2	0.4	180	2.4	44	2.8	--	--	--
	06/17/98	--	< 0.2	< 0.2	210	2.4	35	4.9	--	--	--
	12/09/98	--	< 0.2	< 0.2	180	2.1	30	3.7	--	--	--
	06/09/99	--	< 1	< 1	210	2	70	4	--	--	--
	10/16/99	--	< 1	< 1	190	2	42	3	--	--	--
	07/02/00	--	< 1	< 1	210	2	54	4	--	--	--
	11/21/00	--	< 0.5	< 0.5	156	1.7	47.2	2.7	--	--	--
	06/26/01	--	< 5	< 5	206	< 5	90	< 5	--	--	--
	10/24/01	--	< 1	< 1	223	1.53	63.5	3.65	--	--	--
	04/23/02	--	< 1.0	< 1.0	240	1.2	38	2.6	--	--	--
	11/21/02	--	< 1.0	< 1.0	140	1.2	33	2.6	--	--	--
	05/27/03	--	< 1.0	< 1.0	180	1.4	43	2.3	--	--	--
	11/14/03	--	< 1.0	< 1.0	220	< 1.0	53	2.2	--	--	--
	06/09/04	--	< 1.0	< 1.0	210	< 1.0	50	< 5	--	--	--
	05/26/05	--	< 5.0	< 5.0	260	< 5.0	53	< 5	--	--	--
	07/13/06	--	< 1.0	< 1.0	170	< 1.0	35	1.9	--	--	--
	07/27/07	--	< 1.0	< 1.0	240	< 1.0	37	1.7	--	--	--
	09/25/08	--	< 1.0	< 1.0	91	< 1.0	23	1.2	--	--	--
	08/06/09	--	< 1.0	< 1.0	90	< 1.0	32	1.4	--	--	--
	05/20/10	--	< 1.0	< 1.0	83	< 1.0	35	1.2	--	--	--
	09/09/11	--	< 1.0	< 1.0	72	< 1.0	28	1.1	--	--	--
	06/14/12	--	< 1.0	< 1.0	70	< 1.0	24	< 1.0	--	--	--
	07/25/13	--	< 1.0	< 1.0	66	< 1.0	30	< 1.0	--	--	--
	04/24/14	2.2	< 1.0	< 1.0	66	< 1.0	20	< 1.0	< 1.0	< 1.0	< 1.0
	05/07/15	7.2	< 1.0	< 1.0	57	< 1.0	25	< 1.0	< 1.0	< 1.0	2.5
	08/04/16	5.2	< 1.0	< 1.0	76	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
	12/14/16	2.2	< 1.0	< 1.0	14	< 1.0	14	< 1.0	< 1.0	< 1.0	< 1.0
	03/23/17	2.6	< 1.0	< 1.0	72	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
	06/06/17	2.3	< 1.0	< 1.0	74	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
	09/07/17	1.9	< 1.0	< 1.0	73	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/17	< 1.0	< 1.0	< 1.0	46	< 1.0	14	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-21C	07/28/92	--	< 5	420	550	30	550	20	--	--	--
	12/16/92	--	0.8	410	510	29	460	17	--	--	--
	06/22/93	--	< 2	710	620	16	560	13	--	--	--
	12/07/93	--	0.3	410	430	14	410	15	--	--	--
	06/10/94	--	0.6	690	780	16	570	18	--	--	--
	12/16/94	--	< 2	380	810	13	520	17	--	--	--
	06/21/95	--	< 2	270	760	5	450	14	--	--	--
	11/10/95	--	< 1	220	990	5.8	500	14	--	--	--
	05/30/96	--	0.9	320	750	5.1	410	14	--	--	--
	11/13/96	--	2.2	200	970	5.4	370	18	--	--	--
	05/30/97	--	1.3	230	730	< 0.2	290	6.7	--	--	--
	11/14/97	--	0.6	140	1100	4.0	360	17	--	--	--
	06/18/98	--	< 2.0	100	800	2.1	250	15	--	--	--
	12/09/98	--	< 2.0	89	700	< 2.0	290	10	--	--	--
	06/10/99	--	1	110	650	3	310	10	--	--	--
	10/19/99	--	1	92	570	3	310	8	--	--	--
	07/02/00	--	< 1	110	650	3	330	8	--	--	--
	11/21/00	--	< 0.5	80.2	556	3.0	268	6.5	--	--	--
	06/27/01	--	< 5	133	618	< 5	373	7.43	--	--	--
	10/24/01	--	1.01	104	752	2.44	427	7.48	--	--	--
	04/23/02	--	1.1	130	530	2.2	280	5.6	--	--	--
	11/21/02	--	< 50	110	560	< 50	290	< 50	--	--	--
	05/27/03	--	< 1	230	770	2.0	450	5.5	--	--	--
	11/14/03	--	< 1.0	110	630	< 1.0	360	5.1	--	--	--
	06/10/04	--	< 10	170	580	< 10	340	< 10	--	--	--
	05/26/05	--	< 10	580	690	40	430	< 10	--	--	--
	07/13/06	--	1.0	310	900	1.1	380	3.0	--	--	--
	07/27/07	--	< 1.0	64	500	< 1.0	270	2.6	--	--	--
	09/25/08	--	< 1.0	55	400	< 1.0	220	1.9	--	--	--
	08/06/09	--	< 1.0	7.8	310	1.0	200	3.0	--	--	--
	05/20/10	--	< 1.0	5.8	220	< 1.0	140	2.6	--	--	--
	09/09/11	--	1.1	6.4	160	< 1.0	120	1.4	--	--	--
	06/13/12	--	< 1.0	6.1	140	< 1.0	90	1.2	--	--	--
	07/24/13	--	< 1.0	1.7	160	< 1.0	120	1.8	--	--	--
	04/24/14	2.4	< 1.0	1.6	100	< 1.0	76	1.4	< 1.0	< 1.0	1.5
	05/07/15	2.1	< 1.0	2.6	77	< 1.0	73	< 1.0	< 1.0	< 1.0	4.1
	08/04/16	1.6	< 1.0	2.1	80	< 1.0	51	< 1.0	< 1.0	< 1.0	1.3
	12/14/16	2.5	<1.0	<1.0	82	<1.0	54	1.1	<1.0	<1.0	1.4
	03/23/17	1.8	<1.0	<1.0	73	<1.0	44	1.4	<1.0	<1.0	1.2
	06/06/17	2.0	<1.0	<1.0	82	<1.0	56	< 1.0	<1.0	<1.0	1.7
	09/07/17	2.3	< 1.0	< 1.0	89	< 1.0	62	< 1.0	< 1.0	< 1.0	1.8
	12/06/17	2.1	< 1.0	< 1.0	94	< 1.0	63	< 1.0	< 1.0	< 1.0	2.3

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-22B	07/28/92	--	< 1	1	< 1	< 1	< 1	< 1	--	--	--
	12/11/92	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/17/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/02/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/07/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/08/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/15/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/07/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/16/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/12/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/28/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/14/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/17/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/09/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/10/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	10/16/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	07/01/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	11/21/00	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/26/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/14/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/26/05	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/13/06	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/26/07	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/25/08	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/25/13	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	04/25/14	2.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/07/15	4.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
08/04/16	5.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
12/14/16	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	9.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
06/06/17	6.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
09/07/17	3.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
12/06/17	2.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-22C	07/28/92	--	< 5	380	360	17	220	20	--	--	--
	12/17/92	--	< 0.2	32	39	< 0.2	33	1.3	--	--	--
	06/22/93	--	< 2	490	460	9	270	10	--	--	--
	06/10/94	--	0.4	600	670	10	350	19	--	--	--
	12/26/94	--	< 2	290	750	2.9	270	15	--	--	--
	06/20/95	--	< 2	340	670	3.2	270	13	--	--	--
	11/10/95	--	< 1	330	790	1.6	240	11	--	--	--
	05/29/96	--	0.4	240	500	1.9	200	9.2	--	--	--
	11/13/96	--	1.0	190	550	4.3	160	9.5	--	--	--
	05/29/97	--	< 2.0	320	490	< 2.0	210	7.2	--	--	--
	11/14/97	--	< 0.2	78	600	< 0.2	110	0.6	--	--	--
	06/18/98	--	0.2	140	550	1.1	130	13	--	--	--
	12/09/98	--	< 1.0	56	530	< 1.0	37	6.7	--	--	--
	06/10/99	--	< 1	150	520	1	170	7	--	--	--
	10/19/99	--	< 1	86	340	1	89	5	--	--	--
	07/02/00	--	< 1	92	340	1	100	5	--	--	--
	11/21/00	--	< 1.0	8.7	126	< 1.0	5.2	2.0	--	--	--
	06/27/01	--	< 5	242	508	< 5	277	6.06	--	--	--
	10/24/01	--	< 1	130	417	1.08	93	4.48	--	--	--
	04/24/02	--	< 1.0	35	320	< 1.0	55	3.0	--	--	--
	11/21/02	--	< 10	130	390	< 10	110	< 10	--	--	--
	05/27/03	--	< 1.0	330	530	< 1.0	270	4.3	--	--	--
	11/14/03	--	< 1.0	140	350	< 1.0	97	2.7	--	--	--
	06/10/04	--	< 5.0	480	410	< 5.0	320	< 5.0	--	--	--
	05/26/05	--	< 10.0	670	460	< 10	240	< 10.0	--	--	--
	07/13/06	--	< 1.0	250	360	< 1.0	100	1.9	--	--	--
	07/27/07	--	< 1.0	200	290	< 1.0	120	1.3	--	--	--
	09/25/08	--	< 1.0	72	200	< 1.0	71	< 1.0	--	--	--
	08/06/09	--	< 1.0	1.9	21	< 1.0	8.7	< 1.0	--	--	--
	05/20/10	--	< 1.0	9.7	140	< 1.0	38	< 1.0	--	--	--
	09/09/11	--	< 1.0	3.4	76	< 1.0	20	< 1.0	--	--	--
	06/13/12	--	< 5.0	17	110	< 5.0	58	< 5.0	--	--	--
	07/24/13	--	< 1.0	< 1.0	24	< 1.0	7.9	< 1.0	--	--	--
	04/24/14	5.0	< 1.0	2.4	87	< 1.0	24	< 1.0	< 1.0	< 1.0	1.4
	05/07/15	4.9	< 1.0	2.0	46	< 1.0	17	< 1.0	< 1.0	< 1.0	1.8
	08/03/16	8.3	< 1.0	< 1.0	32	< 1.0	9.2	< 1.0	< 1.0	< 1.0	1.2
12/14/16	2.4	< 1.0	3.6	66	< 1.0	37	< 1.0	< 1.0	< 1.0	1.3	
03/23/17	1.9	< 1.0	2.1	53	< 1.0	24	3.4	< 1.0	< 1.0	< 1.0	
06/06/17	1.9	< 1.0	2.1	52	< 1.0	28	< 1.0	< 1.0	< 1.0	1.0	
09/07/17	1.9	< 1.0	2.1	50	< 1.0	26	< 1.0	< 1.0	< 1.0	1.0	
12/06/17	2.4	< 1.0	1.9	54	< 1.0	33	< 1.0	< 1.0	< 1.0	1.4	
6-23	07/28/92	--	4	61	79	< 1	16	2	--	--	--
	12/10/92	--	1.8	60	88	0.4	10	0.7	--	--	--
	06/17/93	--	2.1	46	68	1.4	8.1	1.4	--	--	--
	06/07/94	--	< 0.2	0.2	50	1.8	7.2	1.3	--	--	--
	12/16/94	--	2	30	50	1.3	8.8	1	--	--	--
	06/14/95	--	1.6	19	43	0.9	6.7	0.7	--	--	--

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-28	06/18/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/03/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/03/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/16/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/14/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/08/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/14/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/12/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/27/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/13/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/17/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/07/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/28/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
07/26/13	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
03/22/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
6-30	06/23/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/01/93	--	0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/02/94	--	0.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/08/94	--	0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/13/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/07/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/14/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/11/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/27/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/13/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/07/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/28/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-33	06/18/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/03/93	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/03/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/14/95	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/14/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/28/97	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/07/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/28/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
07/26/13	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
6-34	12/06/93	--	2.4	3.6	300	< 0.2	6.7	30	--	--	--
	06/09/94	--	1.9	5	270	0.7	5.6	29	--	--	--
	12/08/94	--	1.8	1.6	190	< 0.2	4.1	38	--	--	--
	06/19/95	--	1.1	0.7	160	< 0.2	1.3	17	--	--	--
	11/08/95	--	0.7	< 0.2	87	< 0.2	0.8	14	--	--	--
	05/14/96	--	0.3	< 0.2	120	< 0.2	2.2	19	--	--	--
	11/12/96	--	1.1	0.7	110	< 0.2	1.2	25	--	--	--
	05/27/97	--	< 0.4	< 0.4	96	< 0.4	1.4	15	--	--	--
	11/13/97	--	0.2	< 0.2	91	< 0.2	0.8	20	--	--	--
	06/17/98	--	< 0.2	< 0.2	74	< 0.2	0.8	22	--	--	--
	06/09/99	--	< 1	< 1	23	< 1	< 1	11	--	--	--
	06/27/00	--	< 1	< 1	8	< 1	< 1	5	--	--	--
	06/24/01	--	< 5	< 5	8.49	< 5	< 1	< 5	--	--	--
	04/25/02	--	< 1.0	< 1.0	6.1	< 1.0	< 1.0	4.2	--	--	--
	05/26/03	--	< 1.0	< 1.0	11	< 1.0	< 1.0	6	--	--	--
	06/10/04	--	< 1.0	< 1.0	3.3	< 1.0	< 1.0	2.7	--	--	--
	05/26/05	--	< 1.0	< 1.0	2.4	< 1.0	< 1.0	1.5	--	--	--
	07/11/06	--	< 1.0	< 1.0	4.3	< 1.0	< 1.0	3.2	--	--	--
	07/27/07	--	< 1.0	< 1.0	5.6	< 1.0	< 1.0	2.4	--	--	--
	09/25/08	--	< 1.0	< 1.0	4.1	< 1.0	< 1.0	2.4	--	--	--
08/07/09	--	< 1.0	< 1.0	9.7	< 1.0	< 1.0	7.8	--	--	--	
03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-35	12/03/93	--	< 0.2	< 0.2	39	0.4	1.5	36	--	--	--
	06/07/94	--	< 0.2	< 0.2	34	0.9	0.4	39	--	--	--
	06/15/95	--	< 0.2	< 0.2	96	0.8	1.3	33	--	--	--
	05/14/96	--	< 0.2	< 0.2	8.7	< 0.2	< 0.2	35	--	--	--
	05/28/97	--	< 0.2	< 0.2	51	0.5	0.3	44	--	--	--
	06/17/98	--	< 0.2	< 0.2	110	0.3	1.1	30	--	--	--
	12/10/98	--	< 0.2	< 0.2	68	< 0.2	0.2	23	--	--	--
	06/08/99	--	< 1	< 1	18	< 1	< 1	15	--	--	--
	10/18/99	--	< 1	< 1	42	< 1	< 1	21	--	--	--
	06/28/00	--	< 1	< 1	18	< 1	< 1	36	--	--	--
	11/18/00	--	< 0.5	< 0.5	14.3	< 0.5	< 0.5	18.9	--	--	--
	06/23/01	--	< 5	< 5	15.6	< 5	< 1	35.2	--	--	--
	10/25/01	--	< 1	< 1	12.3	< 1	< 1	19.8	--	--	--
	04/25/02	--	< 1.0	< 1.0	14	< 1.0	< 1.0	15	--	--	--
	11/21/02	--	< 1.0	< 1.0	29	< 1.0	< 1.0	24	--	--	--
	05/26/03	--	< 1.0	< 1.0	75	< 1.0	< 1.0	13	--	--	--
	11/13/03	--	< 1.0	< 1.0	52	< 1.0	< 1.0	38	--	--	--
	06/10/04	--	< 1.0	< 1.0	79	< 1.0	< 1.0	29	--	--	--
05/26/05	--	< 1.0	< 1.0	50	< 1.0	< 1.0	11	--	--	--	
07/11/06	--	< 1.0	< 1.0	31	< 1.0	< 1.0	7.7	--	--	--	
6-36	12/08/93	--	< 2	110	71	< 2	53	< 2	--	--	--
	06/08/94	--	< 0.2	170	130	7.9	82	< 0.2	--	--	--
	12/16/94	--	< 0.2	290	140	12	110	13	--	--	--
	06/16/95	--	< 0.2	160	140	9.3	67	< 0.2	--	--	--
	11/09/95	--	< 0.2	180	150	7.3	85	< 0.2	--	--	--
	05/15/96	--	< 0.2	130	140	5.8	100	< 0.2	--	--	--
	11/12/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	05/27/97	--	< 0.4	84	67	< 0.4	39	< 0.4	--	--	--
	11/14/97	--	< 0.2	78	69	< 4.8	40	< 0.2	--	--	--
	06/17/98	--	< 0.2	83	65	3.8	46	< 0.2	--	--	--
	12/11/98	--	< 0.2	43	43	2.6	21	< 0.2	--	--	--
	06/10/99	--	< 1	47	38	3	38	< 1	--	--	--
	10/18/99	--	< 1	33	22	3	23	< 1	--	--	--
	07/02/00	--	< 1	31	26	2	29	< 1	--	--	--
	11/19/00	--	< 0.5	27.1	17.6	1.9	24.4	< 0.5	--	--	--
	06/26/01	--	< 5	31	18.6	< 5	25.8	< 5	--	--	--
	10/25/01	--	< 1	19.1	14	1.63	23.1	< 1	--	--	--
	04/25/02	--	< 1.0	22	14	1.5	24	< 1.0	--	--	--
	11/21/02	--	< 1.0	15	11	1.5	17	< 1.0	--	--	--
	05/27/03	--	< 1.0	28	16	1.1	24	< 1.0	--	--	--
	11/14/03	--	< 1.0	16	12	< 1.0	18	< 1.0	--	--	--
	06/09/04	--	< 1.0	19	12	1.0	15	< 1.0	--	--	--
	05/25/05	--	< 1.0	38	13	< 1.0	17	< 1.0	--	--	--
	07/13/06	--	< 1.0	11	8.8	< 1.0	9.0	< 1.0	--	--	--
	07/26/07	--	< 1.0	18	10	< 1.0	23	< 1.0	--	--	--
	09/25/08	--	< 1.0	13	8.9	< 1.0	27	< 1.0	--	--	--
	08/06/09	--	< 1.0	8.5	6.1	< 1.0	20	< 1.0	--	--	--
	05/20/10	--	< 1.0	5.7	5.2	< 1.0	9.0	< 1.0	--	--	--
09/08/11	--	< 1.0	6.4	5.9	< 1.0	20	< 1.0	--	--	--	
06/13/12	--	< 1.0	8.0	5.1	< 1.0	15	< 1.0	--	--	--	
07/24/13	--	< 1.0	5.3	5.3	< 1.0	23	< 1.0	--	--	--	
04/25/14	< 1.0	< 1.0	4.4	4.7	< 1.0	15	< 1.0	< 1.0	< 1.0	< 1.0	
05/06/15	< 1.0	< 1.0	5.3	2.9	< 1.0	18	< 1.0	< 1.0	< 1.0	< 1.0	
08/04/16	< 1.0	< 1.0	5.2	3.7	< 1.0	11	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	< 1.0	< 1.0	4.4	6.3	1.6	32	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-37	12/07/93	--	< 0.2	370	10	0.3	28	9.7	--	--	--
	06/09/94	--	< 0.2	120	11	1.7	18	11	--	--	--
	12/15/94	--	< 0.2	230	8.7	2.1	17	10	--	--	--
	06/19/95	--	0.2	99	5.3	< 0.2	11	4.4	--	--	--
	11/08/95	--	< 0.2	56	10	< 0.2	7.1	10	--	--	--
	05/17/96	--	0.6	330	10	< 0.2	16	12	--	--	--
	11/13/96	--	0.6	1100	9.7	6.5	41	< 0.2	--	--	--
	05/29/97	--	< 1.0	180	7.8	< 1.0	9.5	6.7	--	--	--
	11/14/97	--	< 0.2	160	8.4	0.4	9.9	6.9	--	--	--
	06/17/98	--	< 0.2	51	8.5	< 0.2	6.3	6.0	--	--	--
	12/10/98	--	< 0.2	68	8.8	< 0.2	4.7	5.8	--	--	--
	06/09/99	--	< 1	56	5	< 1	9	3	--	--	--
	10/18/99	--	< 1	180	12	< 1	8	6	--	--	--
	06/27/00	--	< 1	120	9	< 1	7	4	--	--	--
	11/20/00	--	< 0.5	52.2	7.4	< 0.5	2.9	3.6	--	--	--
	06/25/01	--	< 5	49.2	9.18	< 5	< 1	5.11	--	--	--
	04/24/02	--	< 1.0	400	7.0	< 1.0	21	5.2	--	--	--
	11/21/02	--	< 1.0	880	10.0	< 1.0	46	3.3	--	--	--
	05/27/03	--	< 1.0	550	7.5	< 1.0	22	1.7	--	--	--
	11/13/03	--	< 1.0	41	5.4	< 1.0	2.1	1.3	--	--	--
	06/10/04	--	< 1.0	73	7.2	< 1.0	4.6	1.7	--	--	--
	05/26/05	--	< 1.0	61	6.6	< 1.0	2.2	< 1.0	--	--	--
	07/13/06	--	< 1.0	21	6.0	< 1.0	1.3	< 1.0	--	--	--
	07/27/07	--	< 1.0	13	2.0	< 1.0	1.0	< 1.0	--	--	--
	09/26/08	--	< 1.0	32	1.9	< 1.0	3.5	< 1.0	--	--	--
	08/07/09	--	< 1.0	26	1.1	< 1.0	5.4	< 1.0	--	--	--
	03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-38	06/08/94	--	< 0.2	2.1	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/06/94	--	< 0.2	4.1	0.4	< 0.2	< 0.2	< 0.2	--	--	--
	05/16/96	--	< 0.2	< 0.2	0.3	< 0.2	< 0.2	< 0.2	--	--	--
	05/28/97	--	< 0.2	0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	02/05/01	--	NA	NA	NA	NA	NA	NA	--	--	--
	06/27/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/25/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	02/16/02	--	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--	--
	04/25/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/21/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/27/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/14/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/10/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-39	06/08/94	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	12/06/94	--	< 0.2	2.5	1.5	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/95	--	< 0.2	0.7	1.7	< 0.2	< 0.2	< 0.2	--	--	--
	11/07/95	--	< 0.2	< 0.2	0.6	< 0.2	< 0.2	< 0.2	--	--	--
	05/16/96	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	11/12/96	--	< 0.2	< 0.2	0.5	< 0.2	< 0.2	< 0.2	--	--	--
	05/27/97	--	< 0.2	< 0.2	0.3	< 0.2	< 0.2	< 0.2	--	--	--
	11/13/97	--	< 0.2	0.4	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/10/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/29/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	02/05/01	--	NA	NA	NA	NA	NA	NA	--	--	--
	06/27/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/25/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	02/16/02	--	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--	--
	04/25/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/21/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/27/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/14/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/10/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-40	12/10/98	--	0.2	4.3	710	2.8	140	15	--	--	--
	02/28/99	--	< 1	3	510	3	120	7	--	--	--
	06/09/99	--	< 1	2	210	2	66	7	--	--	--
	10/16/99	--	< 1	2	330	2	58	5	--	--	--
	07/02/00	--	< 1	6	550	2	190	7	--	--	--
	11/21/00	--	< 0.5	< 0.5	460	< 0.5	123	5.7	--	--	--
	06/26/01	--	< 5	8.03	628	< 5	246	6.17	--	--	--
	10/24/01	--	< 1	2.61	528	1.71	188	5.62	--	--	--
	04/24/02	--	< 1.0	6.4	550	1.5	180	4.7	--	--	--
	11/21/02	--	1.2	3.7	450	1.6	130	4.6	--	--	--
	05/27/03	--	< 1.0	18	640	1.2	210	4.4	--	--	--
	11/14/03	--	< 1.0	6.1	590	1.4	170	4.3	--	--	--
	06/10/04	--	< 10	10	460	< 10	140	< 10	--	--	--
	05/24/05	--	< 10	99	620	< 10	170	< 10	--	--	--
	07/13/06	--	< 1.0	58	810	< 1.0	320	2.1	--	--	--
	07/26/07	--	< 1.0	51	450	< 1.0	160	1.7	--	--	--
	09/25/08	--	< 1.0	10	370	< 1.0	66	1.4	--	--	--
	08/06/09	--	< 1.0	5.5	330	< 1.0	80	1.5	--	--	--
	05/20/10	--	< 1.0	4.0	180	< 1.0	82	1.2	--	--	--
	09/09/11	--	< 1.0	< 1.0	210	< 1.0	68	1.6	--	--	--
	06/14/12	--	< 10	< 10	130	< 10	61	< 10	--	--	--
	07/25/13	--	< 1.0	< 1.0	170	< 1.0	71	1.0	--	--	--
	04/23/14	1.0	< 1.0	< 1.0	110	< 1.0	43	< 1.0	< 1.0	< 1.0	< 1.0
	05/07/15	1.6	< 1.0	< 1.0	78	< 1.0	39	< 1.0	< 1.0	< 1.0	3.7
	08/03/16	< 1.0	< 1.0	< 1.0	54	< 1.0	16	< 1.0	< 1.0	< 1.0	< 1.0
	12/14/16	< 1.3	< 1.0	< 1.0	67	< 1.0	29	< 1.0	< 1.0	< 1.0	< 1.0
03/23/17	1.0	< 1.0	< 1.0	49	< 1.0	18	< 1.0	< 1.0	< 1.0	< 1.0	
06/06/17	< 1.0	< 1.0	< 1.0	51	< 1.0	19	< 1.0	< 1.0	< 1.0	< 1.0	
09/07/17	< 1.0	< 1.0	< 1.0	53	< 1.0	18	< 1.0	< 1.0	< 1.0	< 1.0	
12/06/17	1.2	< 1.0	< 1.0	64	< 1.0	24	< 1.0	< 1.0	< 1.0	< 1.0	
6-41	12/10/98	--	0.2	3.2	86	0.55	5.6	5.0	--	--	--
	06/09/99	--	< 1	6	130	< 1	18	5	--	--	--
	10/16/99	--	< 1	3	54	< 1	6	2	--	--	--
	07/02/00	--	1	7	110	< 1	23	5	--	--	--
	11/20/00	--	< 0.5	2.1	45.3	0.7	4.8	2.2	--	--	--
	06/25/01	--	< 5	< 5	113	< 5	25.4	< 5	--	--	--
	10/25/01	--	< 1	2.9	93.4	1.38	15.6	4.07	--	--	--
	04/25/02	--	< 1.0	1.9	48	1.0	5.0	2.5	--	--	--
	11/21/02	--	< 1.0	1.1	39	< 1.0	3.9	2.6	--	--	--
	05/27/03	--	< 1.0	9.5	170	< 1.0	18	2.5	--	--	--
	11/14/03	--	< 1.0	4.5	130	< 1.0	17	3.9	--	--	--
	06/10/04	--	< 5.0	11	130	< 5.0	21	< 5.0	--	--	--
	05/24/05	--	< 2.0	33	210	3.3	41	4.5	--	--	--
	07/13/06	--	< 1.0	16	180	< 1.0	25	1.5	--	--	--
	07/26/07	--	< 1.0	14	80	< 1.0	26	< 1.0	--	--	--
	09/25/08	--	< 1.0	8.8	120	< 1.0	21	2.2	--	--	--
	08/06/09	--	< 1.0	4.0	68	< 1.0	13	1.8	--	--	--
	05/20/10	--	< 1.0	1.5	39	< 1.0	9.4	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	13	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	1.2	33	< 1.0	5.8	< 1.0	--	--	--
	07/25/13	--	< 1.0	1.2	43	< 1.0	11	< 1.0	--	--	--
	04/25/14	< 1.0	< 1.0	< 1.0	38	< 1.0	9.2	< 1.0	< 1.0	< 1.0	< 1.0
	05/06/15	< 1.0	< 1.0	1.4	24	< 1.0	9.2	< 1.0	< 1.0	< 1.0	< 1.0
	08/03/16	< 1.0	< 1.0	1.5	25	< 1.0	7.1	< 1.0	< 1.0	< 1.0	< 1.0
	03/23/17	< 1.0	< 1.0	< 1.0	14	< 1.0	4.9	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-42	06/08/99	--	1	15	42	< 1	9	2	--	--	--
	10/16/99	--	1	16	42	< 1	10	2	--	--	--
	07/01/00	--	2	17	59	< 1	16	3	--	--	--
	11/20/00	--	0.9	10.3	37.0	< 0.5	7.8	1.8	--	--	--
	06/25/01	--	< 5	8.53	44.1	< 5	10.4	< 5	--	--	--
	10/25/01	--	< 1	10.3	60.5	< 1	12.9	2.15	--	--	--
	04/25/02	--	1.1	4.5	27	< 1.0	3.8	1.5	--	--	--
	11/21/02	--	< 1.0	2.7	20	< 1.0	2.4	1.8	--	--	--
	05/27/03	--	< 1.0	6.4	46	< 1.0	6.6	1.7	--	--	--
	11/14/03	--	< 1.0	8.3	66	< 1.0	12	2.2	--	--	--
	06/10/04	--	< 1.0	5.9	54	< 1.0	8.7	2.0	--	--	--
	05/24/05	--	< 1.0	11	83	1.3	15	2.1	--	--	--
	07/13/06	--	1.1	9.6	180	< 1.0	16	2.1	--	--	--
	07/26/07	--	< 1.0	8.4	75	< 1.0	16	1.7	--	--	--
	09/25/08	--	1.0	8.2	64	< 1.0	20	1.6	--	--	--
	08/06/09	--	< 1.0	5.3	54	< 1.0	14	1.7	--	--	--
	05/20/10	--	< 1.0	2.6	36	< 1.0	9.6	< 1.0	--	--	--
	09/09/11	--	< 1.0	1.5	25	< 1.0	6.1	< 1.0	--	--	--
	06/14/12	--	< 1.0	1.6	23	< 1.0	5.2	< 1.0	--	--	--
	07/25/13	--	< 1.0	3.2	48	< 1.0	15	1.0	--	--	--
	04/25/14	< 1.0	< 1.0	1.4	32	< 1.0	5.8	< 1.0	< 1.0	< 1.0	< 1.0
05/06/15	< 1.0	< 1.0	1.5	34	< 1.0	8.3	< 1.0	< 1.0	< 1.0	1.2	
08/04/16	< 1.0	< 1.0	1.1	30	< 1.0	5.7	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
6-43	12/10/98	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	--	--	--
	06/08/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	10/16/99	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	06/29/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	11/20/00	--	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	--	--	--
	06/25/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	04/25/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/14/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/10/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	03/23/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-44	12/10/98	--	< 0.2	19	5.9	< 0.2	5.1	< 0.2	--	--	--
	06/08/99	--	< 1	26	9	2	9	< 1	--	--	--
	10/16/99	--	< 1	26	11	3	9	< 1	--	--	--
	07/01/00	--	< 1	33	20	5	15	< 1	--	--	--
	11/20/00	--	< 0.5	26.2	14.9	3.4	11.0	< 0.5	--	--	--
	06/26/01	--	< 5	32	24.4	< 5	24.5	< 5	--	--	--
	10/25/01	--	< 1	29.3	21.6	5.02	23.8	< 1	--	--	--
	04/25/02	--	< 1.0	27	13	3.8	19	< 1.0	--	--	--
	11/20/02	--	< 1.0	20	11	3.1	12	< 1.0	--	--	--
	05/24/03	--	< 1.0	25	13	3.7	21	< 1.0	--	--	--
	11/14/03	--	< 1.0	22	11	3.5	17	< 1.0	--	--	--
	06/10/04	--	< 1.0	25	11	4.0	22	< 1.0	--	--	--
	05/24/05	--	< 1.0	25	11	3.7	23	< 1.0	--	--	--
	07/13/06	--	< 1.0	21	11	3.6	29	< 1.0	--	--	--
	07/26/07	--	< 1.0	25	10	3.7	43	< 1.0	--	--	--
	09/25/08	--	< 1.0	23	9.3	3.8	47	< 1.0	--	--	--
	08/06/09	--	< 1.0	25	9.1	4.6	62	< 1.0	--	--	--
	05/20/10	--	< 1.0	21	9.7	5.3	63	< 1.0	--	--	--
	09/09/11	--	< 1.0	22	9.7	5.0	74	< 1.0	--	--	--
	06/14/12	--	< 1.0	21	9.9	4.7	72	< 1.0	--	--	--
07/25/13	--	< 1.0	17	12	4.5	94	< 1.0	--	--	--	
04/25/14	< 1.0	< 1.0	16	12	5.9	87	< 1.0	< 1.0	< 1.0	< 1.0	
05/06/15	< 1.0	< 1.0	12	9.8	5.4	72	< 1.0	< 1.0	< 1.0	< 1.0	
08/04/16	< 1.0	< 1.0	13	14	6.2	84	< 1.0	< 1.0	< 1.0	< 1.0	
03/23/17	< 1.0	< 1.0	21	23	10	180	< 1.0	< 1.0	< 1.0	< 1.0	
6-45	04/05/00	--	< 1.0	50	19	< 1.0	96	< 1.0	--	--	--
	06/28/00	--	< 1	53	21	< 1	140	< 1	--	--	--
	11/19/00	--	< 1.0	83.8	14.0	< 1.0	174	< 1.0	--	--	--
	06/23/01	--	< 5	33	23.0	< 5	113	< 5	--	--	--
	10/24/01	--	< 1	66.6	20.8	< 1	186	< 1	--	--	--
	04/23/02	--	< 1.0	64	33	< 1.0	160	< 1.0	--	--	--
	11/20/02	--	< 1.0	35	14	< 1.0	190	< 1.0	--	--	--
	05/24/03	--	< 1.0	17	14	< 1.0	82	< 1.0	--	--	--
	11/13/03	--	< 1.0	21	13	< 1.0	91	< 1.0	--	--	--
	06/09/04	--	< 1.0	14	12	< 1.0	55	< 1.0	--	--	--
	05/24/05	--	< 1.0	8.1	8.9	< 1.0	31	< 1.0	--	--	--
	07/13/06	--	< 1.0	33	22	< 1.0	430	< 1.0	--	--	--
	07/27/07	--	< 1.0	36	39	< 1.0	190	< 1.0	--	--	--
	09/25/08	--	1.1	32	33	< 1.0	330	< 1.0	--	--	--
	08/06/09	--	< 1.0	14	24	< 1.0	140	< 1.0	--	--	--
	05/20/10	--	< 1.0	8.5	17	< 1.0	97	< 1.0	--	--	--
	09/09/11	--	< 1.0	8.1	13	< 1.0	60	< 1.0	--	--	--
	06/14/12	--	< 1.0	3.6	8.2	< 1.0	48	< 1.0	--	--	--
	07/26/13	--	< 1.0	2.5	7.2	< 1.0	49	< 1.0	--	--	--
	04/25/14	< 1.0	< 1.0	1.2	5.4	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
08/03/16	< 1.0	< 1.0	5.2	23	< 1.0	110	< 1.0	< 1.0	< 1.0	< 1.0	
03/22/17	< 1.0	< 1.0	2.9	25	< 1.0	62	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-46	04/05/00	--	< 1.0	1.0	220	2.0	16	3.0	--	--	--
	06/28/00	--	< 1	2	330	3	35	4	--	--	--
	11/19/00	--	< 1.0	1.9	268	2.2	33.5	3.4	--	--	--
	06/23/01	--	< 5	< 5	179	< 5	20.8	< 5	--	--	--
	10/24/01	--	< 1	1.08	282	1.95	30	2.62	--	--	--
	04/23/02	--	< 1.0	< 1.0	200	1.3	10	1.5	--	--	--
	11/20/02	--	< 1.0	< 1.0	96	1.4	5.8	2.0	--	--	--
	05/25/03	--	< 2.0	< 2.0	74	< 2.0	7.3	< 2.0	--	--	--
	11/13/03	--	< 1.0	< 1.0	240	1.0	12	1.3	--	--	--
	06/09/04	--	< 1.0	< 1.0	160	1.4	13	1.7	--	--	--
	05/24/05	--	< 5.0	< 5.0	390	< 5.0	79	< 5.0	--	--	--
	07/13/06	--	< 1.0	1.5	840	1.4	48	3.1	--	--	--
	07/27/07	--	< 1.0	10	620	1.0	94	2.6	--	--	--
	09/25/08	--	< 1.0	19	450	< 1.0	140	2.0	--	--	--
	08/06/09	--	< 1.0	9.2	310	< 1.0	58	2.0	--	--	--
	05/20/10	--	< 1.0	5.5	230	< 1.0	46	1.2	--	--	--
	09/09/11	--	< 1.0	2.4	150	< 1.0	22	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	110	< 1.0	14	< 1.0	--	--	--
	07/26/13	--	< 1.0	1.5	160	< 1.0	27	1.1	--	--	--
	04/24/14	< 1.0	< 1.0	< 1.0	130	< 1.0	22	< 1.0	< 1.0	< 1.0	< 1.0
05/06/15	1.3	< 1.0	< 1.0	130	< 1.0	44	1.0	< 1.0	< 1.0	1.6	
08/02/16	< 1.0	< 1.0	< 1.0	160	< 1.0	48	< 1.0	< 1.0	< 1.0	< 1.0	
03/22/17	< 1.0	< 1.0	< 1.0	130	< 1.0	43	< 1.0	< 1.0	< 1.0	< 1.0	
6-47	04/05/00	--	< 1.0	2.0	3.0	< 1.0	2.0	< 1.0	--	--	--
	06/28/00	--	< 1	2	4	< 1	2	< 1	--	--	--
	11/19/00	--	< 0.5	1.3	2.7	0.7	0.7	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	1.46	3.22	< 1	< 1	< 1	--	--	--
	04/23/02	--	< 1.0	1.9	3.70	1.1	1.1	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	1.4	4.7	< 1.0	< 1.0	< 1.0	--	--	--
	11/13/03	--	< 1.0	< 1.0	4.3	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	6.2	< 1.0	< 1.0	< 1.0	--	--	--
	05/24/05	--	< 1.0	< 1.0	8.1	1.3	< 1.0	< 1.0	--	--	--
	07/13/06	--	< 1.0	1.3	17	2.0	< 1.0	< 1.0	--	--	--
	07/27/07	--	< 1.0	1.2	39	4.1	2.3	1.1	--	--	--
	09/25/08	--	< 1.0	1.3	40	3.0	2.9	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	60	4.5	4.0	1.8	--	--	--
	05/20/10	--	< 1.0	< 1.0	40	2.6	2.4	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	39	2.6	2.8	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	44	2.9	3.6	1.1	--	--	--
	07/26/13	--	< 1.0	< 1.0	90	2.9	13	1.9	--	--	--
	04/24/14	< 1.0	< 1.0	< 1.0	100	3.3	17	2.1	< 1.0	< 1.0	< 1.0
05/07/15	< 1.0	< 1.0	< 1.0	140	3.8	22	2.7	< 1.0	< 1.0	1.9	
08/03/16	< 1.0	< 1.0	< 1.0	190	3.2	31	3.3	< 1.0	< 1.0	< 1.0	
03/22/17	< 1.0	< 1.0	< 1.0	260	3.2	59	3.8	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-48	04/05/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/28/00	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	11/19/00	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
	04/23/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/13/03	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
06/09/04	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	
03/22/17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
6-48B*	06/28/00	--	< 1	< 1	2.0	< 1	< 1	< 1	--	--	--
	11/19/00	--	< 0.5	< 0.5	2.4	< 0.5	< 0.5	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/24/01	--	< 1	< 1	4.13	< 1	< 1	< 1	--	--	--
	04/23/02	--	< 1.0	< 1.0	2.7	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	2.2	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	< 1.0	2.7	< 1.0	< 1.0	< 1.0	--	--	--
	11/13/03	--	< 1.0	< 1.0	1.9	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	1.8	< 1.0	< 1.0	< 1.0	--	--	--
	05/24/05	--	< 1.0	< 1.0	1.9	< 1.0	< 1.0	< 1.0	--	--	--
	07/13/06	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/27/07	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/25/08	--	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	--	--	--
	08/06/09	--	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	--	--	--
	05/20/10	--	< 1.0	< 1.0	2.0	< 1.0	< 1.0	< 1.0	--	--	--
	09/09/11	--	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	--	--	--
	06/14/12	--	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	--	--	--
	07/26/13	--	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	--	--	--
	04/24/14	< 1.0	< 1.0	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/07/15	< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
08/03/16	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
03/22/17	< 1.0	< 1.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
6-49	11/19/00	--	0.8	7.3	12.5	< 0.5	4.6	< 0.5	--	--	--
	06/23/01	--	< 5	6.15	12.5	< 5	5.8	< 5	--	--	--
	10/24/01	--	< 1	6.75	13.8	< 1	6.56	< 1	--	--	--
	04/23/02	--	1.1	4.4	8.4	< 1.0	3.3	< 1.0	--	--	--
	11/20/02	--	< 1.0	3.7	7.9	< 1.0	2.6	< 1.0	--	--	--
	05/25/03	--	< 1.0	3.4	7.5	< 1.0	2.6	< 1.0	--	--	--
	11/13/03	--	< 1.0	2.9	7.6	< 1.0	2.8	< 1.0	--	--	--
	06/09/04	--	< 1.0	2.9	7.0	< 1.0	2.7	< 1.0	--	--	--
	05/24/05	--	< 1.0	1.8	5.3	< 1.0	2.3	< 1.0	--	--	--
	07/13/06	--	< 1.0	1.8	4.7	< 1.0	2.1	< 1.0	--	--	--
	07/27/07	--	< 1.0	1.2	4.2	< 1.0	2.2	< 1.0	--	--	--
09/25/08	--	< 1.0	< 1.0	3.1	< 1.0	1.9	< 1.0	--	--	--	
08/06/09	--	< 1.0	< 1.0	2.5	< 1.0	2.2	< 1.0	--	--	--	
6-49B**	11/19/00	--	1.3	18.8	26.3	< 0.5	11.0	--	--	--	--
	06/23/01	--	< 5	20.1	14.1	< 5	44.3	< 0.5	--	--	--
	10/24/01	--	2.36	35	22.4	< 1	69.9	< 5	--	--	--
	04/23/02	--	2.7	22	15	< 1.0	42	< 1	--	--	--
	11/20/02	--	3.4	23	17	< 1.0	43	< 1.0	--	--	--
	05/25/03	--	3.4	22	19	< 1.0	47	< 1.0	--	--	--
	11/13/03	--	3.5	24	20	< 1.0	61	< 1.0	--	--	--
	06/09/04	--	2.9	22	20	< 1.0	53	< 1.0	--	--	--
	05/24/05	--	2.5	15	17	< 1.0	37	< 1.0	--	--	--
	07/13/06	--	2.9	13	20	< 1.0	44	< 1.0	--	--	--
	07/27/07	--	2.4	11	16	< 1.0	42	< 1.0	--	--	--
	09/25/08	--	2.7	11	16	< 1.0	45	< 1.0	--	--	--
	08/06/09	--	2.8	9.5	16	< 1.0	46	< 1.0	--	--	--
	05/20/10	--	2.3	6.3	13	< 1.0	35	< 1.0	--	--	--
	09/09/11	--	3.2	6.2	15	< 1.0	35	< 1.0	--	--	--
	06/14/12	--	2.5	5.8	13	< 1.0	34	< 1.0	--	--	--
	07/26/13	--	2.1	4.6	15	< 1.0	38	< 1.0	--	--	--
	04/24/14	< 1.0	1.9	4.0	14	< 1.0	33	< 1.0	< 1.0	< 1.0	< 1.0
	05/07/15	< 1.0	1.7	2.9	9.5	< 1.0	27	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/16	< 1.0	< 1.0	2.4	12	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0
03/22/17	< 1.0	1.0	2.1	12	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0	

Groundwater Analytical Results Summary - VOCs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Concentration (µg/L)									
		Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetrachloride	Chloroform	Vinyl Chloride
EPA SDWA MCL		5	5	200	25	5	7	70	5	80	2
6-50	11/19/00	--	< 0.5	1.8	8.9	< 0.5	1.2	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	7.89	< 5	1.47	< 5	--	--	--
	10/24/01	--	< 1	1.86	9.21	< 1	2.14	< 1	--	--	--
	04/23/02	--	< 1.0	1.5	6.0	< 1.0	1.0	< 1.0	--	--	--
	11/20/02	--	< 1.0	< 1.0	5.5	< 1.0	< 1.0	< 1.0	--	--	--
	05/25/03	--	< 1.0	1.1	5.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/13/03	--	< 1.0	< 1.0	3.6	< 1.0	< 1.0	< 1.0	--	--	--
	06/09/04	--	< 1.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	--	--	--
6-53	05/24/05	--	< 1.0	< 1.0	2.3	< 1.0	< 1.0	< 1.0	--	--	--
6-PW1	06/28/00	--	< 1	< 1	< 1	< 1	< 1	< 1.0	--	--	--
6-PW2	03/20/92	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
6-PW3	03/20/92	--	< 1	< 1	< 1	< 1	< 1	< 1	--	--	--
6-PW4	04/27/92	--	< 5	< 5	< 5	< 5	< 5	< 1	--	--	--
6-PW4	03/20/92	--	< 1	< 1	< 1	< 1	< 1	< 5	--	--	--
6-PW6	04/27/92	--	< 5	< 5	< 5	< 5	15	< 1	--	--	--
	06/05/92	--	< 10	< 10	20	< 10	< 10	8	--	--	--
	12/09/92	--	< 0.2	< 0.2	19	< 0.2	< 0.2	< 10	--	--	--
	06/15/93	--	< 0.2	< 0.2	17	< 0.2	< 0.2	14	--	--	--
	06/03/94	--	< 0.2	< 0.2	6.8	< 0.2	< 0.2	12	--	--	--
	06/13/95	--	< 0.2	< 0.2	2.8	< 0.2	< 0.2	6.4	--	--	--
	05/13/96	--	< 0.2	2.4	< 0.2	4.8	4.8	1.6	--	--	--
	05/28/97	--	< 0.2	< 0.2	3.0	< 0.2	< 0.2	< 0.2	--	--	--
	06/16/98	--	< 0.2	< 0.2	0.8	< 0.2	< 0.2	2.0	--	--	--
	06/08/99	--	< 1.0	< 1.0	6	< 1.0	< 1.0	< 0.2	--	--	--
	06/29/00	--	< 1.0	< 1.0	9	< 1.0	< 1.0	4	--	--	--
	06/24/01	--	< 5.0	< 5.0	< 5	< 5.0	< 1.0	7	--	--	--
	04/25/02	--	< 1.0	< 1.0	2.6	< 1.0	< 1.0	< 5.0	--	--	--
	05/24/03	--	< 1.0	< 1.0	4.2	< 1.0	< 1.0	1.9	--	--	--
6-CH1	06/09/04	--	< 1.0	< 1.0	3.4	< 1.0	< 1.0	3.9	--	--	--
6-CH1	02/20/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-CH2	02/20/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2	< 1.0
6-CH3	06/05/92	--	2	< 1.0	< 1.0	< 1.0	< 1.0	3.3	--	--	--
	02/20/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.6	< 1.0
6-CH4	06/05/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	02/20/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-CH5	02/20/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6-CH6	06/05/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--

Notes:

ug/L = micrograms per liter

EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminate Level

PCE = Tetrachloroethylene

TCA = Trichloroethane

DCA = Dichloroethane

DCE = Dichloroethene

DCA = Dichloroethane

BOLD = concentration exceeds EPA SDWA MCL or NMWQCC standard

-- = data not available

* = sample labeled as 6-48B but has been historically referenced as 6-51

** = sample labeled as 6-49B but has been historically referenced as 6-52

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-06	04/24/91	ND	--
	05/30/91	ND	--
	06/20/91	ND	--
	07/22/91	ND	--
	08/07/91	ND	--
	09/05/91	ND	--
	09/30/91	ND	--
	11/07/91	ND	--
	12/06/91	ND	--
	01/14/92	1.5	1242
	01/29/92	ND	--
	02/27/92	ND	--
	03/23/92	ND	--
	04/22/92	ND	--
	06/03/92	ND	--
	03/23/17	ND	--
6-07	04/25/91	ND	--
	05/29/91	ND	--
	06/19/91	ND	--
	09/05/91	ND	--
	09/30/91	ND	--
	11/07/91	ND	--
	12/06/91	ND	--
	01/15/92	ND	--
	01/30/92	ND	--
	02/27/92	ND	--
	03/24/92	ND	--
	04/23/92	ND	--
	06/05/92	ND	--
	03/23/17	ND	--
6-08	04/26/91	ND	--
	05/29/91	ND	--
	06/20/91	ND	--
	09/05/91	ND	--
	09/30/91	ND	--
	11/07/91	ND	--
	12/06/91	ND	--
	01/14/92	ND	--
	01/29/92	ND	--
	02/27/92	ND	--
	03/23/92	ND	--
	04/22/92	ND	--
	06/05/92	ND	--
	03/22/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-09	07/22/91	370	1242
	08/06/91	2000	1242
	09/07/91	4500	1242
	10/01/91	4200	1242
	11/08/91	1500	1242
	12/06/91	8000	1242
	01/16/92	23000	1242
	01/31/92	31000	1242
	02/28/92	1700	1242
	03/25/92	930	1242
	04/24/92	510	1232
		1100	1242
	06/09/92	23000	1242
	12/17/92	530	1242
	06/23/93	5500	1242
	12/08/93	880	1242
	06/13/94	410	1242
	12/16/94	680	1242
	06/20/95	2800	1242
	11/13/95	635	1242
	06/05/96	441	1242
	11/13/96	1107.4	1242
	05/30/97	1670	1242
	11/14/97	974	1242
	06/18/98	820	1232
	06/09/99	1600	1242
	06/29/00	1300	1242
	06/27/01	2180	1242
	04/24/02	5040	1242
	05/27/03	240	1232
	06/10/04	400	1232
	05/25/05	400	1232
	07/13/06	1400	1232
	07/27/07	250	1016
	09/26/08	92	1016
	08/07/09	110	1016
	05/20/10	160	1016
	09/09/11	240	1016
	06/14/12	47	1242
	07/25/13	72	1242
	04/23/14	250	1242
	05/07/15	450	1016
	08/03/16	450	1016
	06/06/17	290	1016
	09/07/17	200	1016
	12/06/17	130	1016

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-10	07/22/91	34	1242
	08/06/91	160	1242
	09/06/91	270	1242
	10/01/91	290	1242
	11/08/91	110	1242
	12/06/91	200	1242
	01/16/92	94	1242
	01/31/92	140	1242
	02/28/92	170	1242
	03/25/92	150	1221
		180	1242
	04/24/92	190	1221
		45	1242
	06/09/92	410	1221
	12/17/92	400	1242
	06/23/93	430	1242
	12/08/93	74	1221
		56	1242
	06/13/94	130	1242
	06/20/95	110	1242
	05/29/96	116	1242
	05/30/97	2260	1242
	06/18/98	1100	1232
	06/09/99	140	1221
		130	1242
	06/29/00	110	1242
	06/27/01	179	1242
	04/24/02	57.0	1242
	05/27/03	90	1016/1221
	06/10/04	49	1016
	05/25/05	65	1016
	07/12/06	35	1016
	07/27/07	55	1016
	09/26/08	18	1016
	08/07/09	63	1016
	05/20/10	73	1016
	09/09/11	65	1016
	06/14/12	40	1242
	07/25/13	26	1242
	04/23/14	36	1242
	05/07/15	7.4	1016
	08/04/16	29	1016
	03/23/17	12	1016

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-11	09/06/91	ND	--
	10/01/91	ND	
	11/07/91	ND	
	12/06/91	ND	--
	01/15/92	ND	
	01/30/92	ND	
	02/28/92	ND	
	03/24/92	ND	
	04/23/92	ND	
	06/04/92	ND	--
	06/02/94	ND	--
	06/15/95	ND	--
	05/15/96	ND	--
	05/27/97	ND	--
	06/17/98	ND	--
	06/30/00	ND	--
	11/20/00	ND	--
	06/24/01	49.5	1242
	10/24/01	ND	--
	10/24/01	ND	--
	04/24/02	ND	--
	11/20/02	ND	--
	05/27/03	ND	--
	11/14/03	ND	--
	06/09/04	ND	--
	03/23/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-12	09/07/91	ND	--
	10/01/91	ND	
	11/07/91	ND	
	12/06/91	ND	--
	01/15/92	ND	
	01/31/92	ND	
	02/28/92	ND	
	03/24/92	ND	
	04/23/92	ND	
	06/08/92	ND	--
	06/09/94	ND	--
	06/20/95	ND	--
	05/17/96	ND	--
	05/30/97	ND	--
	11/14/98	ND	--
	06/18/98	ND	--
	12/09/98	17	1232
	06/09/99	ND	--
	10/18/99	ND	--
	06/29/00	ND	--
	11/20/00	ND	--
	06/24/01	ND	--
	10/25/01	ND	--
	04/24/02	ND	--
	11/20/02	ND	--
	05/26/03	ND	--
	11/14/03	ND	--
	06/10/04	ND	--
	05/26/05	ND	--
	07/13/06	ND	--
	10/27/07	ND	--
	09/26/08	1.2	1016
	08/07/09	ND	--
	05/20/10	ND	--
	09/08/11	ND	--
	06/13/12	ND	--
	07/25/13	ND	--
	04/23/14	ND	--
	05/06/15	ND	--
	08/03/16	ND	--
	03/22/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-13	12/06/91	ND	--
	01/15/92	ND	
	01/30/92	ND	
	02/28/92	ND	
	03/24/92	ND	
	04/23/92	ND	
	06/04/92	ND	--
	12/16/92	ND	--
	06/22/93	ND	--
	06/10/94	ND	--
	06/16/95	ND	--
	05/16/96	ND	--
	05/29/97	ND	--
	06/18/98	ND	--
	06/10/99	ND	--
	06/29/00	ND	--
	06/26/01	ND	--
	04/24/02	ND	--
	05/26/03	ND	--
	06/09/04	ND	--
	12/14/16	3.2	1016
	03/23/17	ND	--
	06/06/17	ND	--
	09/07/17	ND	--
	12/06/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-14	12/06/91	ND	--
	01/16/92	ND	
	01/31/92	ND	
	02/28/92	ND	
	03/25/92	ND	
	04/23/92	ND	
	06/09/92	ND	--
	12/15/92	ND	--
	06/21/93	ND	--
	06/09/94	ND	--
	06/20/95	ND	--
	05/17/96	ND	--
	05/30/97	ND	--
	06/18/98	ND	--
	06/09/99	12	1221
	06/29/00	11	1221
	11/20/00	2.34	1221
	06/25/01	5.96	1242
	10/25/01	2.16	1016/1242
	10/25/01	1.26	1221
	04/23/02	1.31	1221
	11/21/02	ND	--
	05/27/03	1.0	1016/1221
	11/14/03	ND	--
	06/10/04	ND	--
	05/26/05	ND	--
	07/13/06	ND	--
	07/27/07	ND	--
	09/26/08	ND	--
	08/07/09	ND	--
	05/20/10	1.3	--
	09/08/11	10	1016
	06/13/12	6.4	1242
	07/24/13	2.7	1242
	04/23/14	3.7	1242
	05/06/15	ND	--
	08/03/16	ND	--
	12/14/16	22	1016
	03/22/17	ND	--
	06/06/17	7.1	1016
	09/07/17	ND	--
	12/06/17	12	1016

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-15	12/06/91	ND	--
	01/15/92	ND	
	01/31/92	ND	
	02/28/92	9	1221
	03/24/92	ND	
	04/23/92	ND	
	06/08/92	ND	--
	12/08/92	ND	--
	06/16/93	ND	--
	12/02/93	ND	--
	03/22/17	ND	--
6-16	06/09/92	ND	--
	03/23/17	ND	--
6-17	06/16/93	ND	--
	03/22/17	ND	--
6-18	06/08/92	ND	--
	12/08/92	ND	--
	06/09/92	ND	--
	03/22/17	ND	--
6-19	03/23/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-20B	07/28/92	ND	--
	12/15/92	ND	--
	06/18/93	ND	--
	12/03/93	ND	--
	06/07/94	ND	--
	12/08/94	ND	--
	06/15/95	ND	--
	11/07/95	ND	--
	05/16/96	ND	--
	11/12/96	0.515	1242
	05/28/97	ND	--
	11/14/97	ND	--
	06/17/98	ND	--
	12/10/98	ND	--
	*6/9/1999	ND	--
	10/16/99	ND	--
	07/01/00	ND	--
	11/21/00	ND	--
	06/26/01	ND	--
	10/24/01	ND	--
	04/23/02	ND	--
	11/20/02	ND	--
	05/25/03	ND	--
	11/14/03	ND	--
	06/09/04	ND	--
	05/26/05	ND	--
	07/13/06	ND	--
	07/27/07	ND	--
	09/25/08	ND	--
	08/06/09	ND	--
	05/20/10	ND	--
	09/09/11	ND	--
	06/14/12	ND	--
	07/25/13	ND	--
	04/24/14	ND	--
	05/07/15	ND	--
	08/04/16	ND	--
	03/23/17	NS	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-20C	07/27/92	170	1232
	12/16/92	35	1232
	06/22/93	230	1221
	12/07/93	130	1221
	06/10/94	160	1232
	12/16/94	140	1242
	06/20/95	31	1242
	11/10/95	43.7	1242
	05/29/96	98	1242
	11/13/96	134	1242
	05/29/97	65.9	1242
	05/29/97	19.8	1242
	11/12/97	ND	
	11/14/97	129	1221
	11/14/97	99	1242
	06/18/98	81	1232
	12/08/98	53	1232
	06/09/99	40	1016
		160	1221
	10/18/99	35	1016
		160	1221
	07/01/00	140	1221
		27	1242
	11/20/00	106	1221
		24.8	1242
	06/26/01	75.6	1242
	10/25/01	144	1016/1242
	04/24/02	173	1221
	11/20/02	35	1016
	05/26/03	ND	--
	11/13/03	38	1016
	06/09/04	50	1016
	05/26/05	ND	--
	07/12/06	77	1232
	07/27/07	42	1016
	09/25/08	8.2	1016
	08/06/09	24	1016
	05/20/10	87	1016
	09/08/11	19	1016
	06/13/12	24	1242
	07/24/13	14	1242
	04/23/14	28	1242
	05/06/15	43	1016
	08/04/16	7.8	1016
	03/23/17	11	1016

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-21A	12/09/92	ND	--
6-21B	07/28/92	ND	--
	12/11/92	ND	--
	06/03/94	ND	--
	12/08/94	ND	--
	06/15/95	ND	--
	11/07/95	ND	--
	05/15/96	ND	--
	11/12/96	9.697	1242
	05/28/97	ND	--
	11/14/97	ND	--
	06/17/98	ND	--
	12/09/98	ND	--
	*6/9/1999	0.6	1260
	10/16/99	ND	--
	07/02/00	ND	--
	11/21/00	ND	--
	06/26/01	ND	--
	10/24/01	ND	--
	04/23/02	1.76	1242
	11/21/02	ND	--
	05/27/03	ND	--
	11/14/03	ND	--
	06/09/04	ND	--
	05/26/05	ND	--
	07/13/06	ND	--
	07/27/07	ND	--
	09/25/08	ND	--
	08/06/09	ND	--
	05/20/10	ND	--
	09/09/11	ND	--
	06/14/12	ND	--
	07/25/13	ND	--
	04/24/14	ND	--
	05/07/15	ND	--
	08/04/16	ND	--
	12/14/16	55	1016
	03/23/17	ND	--
	06/06/17	ND	--
	09/07/17	ND	--
	12/06/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-21C	07/28/92	ND	--
	12/16/92	ND	--
	06/22/93	300	1221
	12/07/93	120	1221
	06/10/94	140	1232
	12/16/94	130	1242
	06/21/95	51	1242
	11/10/95	25.8	1242
	05/30/96	91	1242
	11/13/96	112.9	1242
	05/29/97	54.3	1242
	05/30/97	75	1242
	11/12/97	79.4	1221
	11/12/97	71.6	1242
	11/14/97	128	1221
	11/14/97	115	1242
	06/18/98	120	1232
	12/09/98	65	1232
	*6/10/1999	50	1016
		160	1221
	10/19/99	53	1016
		170	1221
	07/02/00	150	1221
		43	1242
	11/21/00	268	1221
		77.8	1242
	06/27/01	90.1	1242
	10/24/01	140	1016/1242
	04/24/02	217	1221
	11/21/02	91	1061
	05/27/03	69	1016/1221
	11/14/03	85	1016
	06/10/04	68	1016
	05/26/05	130	1016
	07/13/06	90	1016
	07/27/07	99	1016
	09/25/08	29	1016
	08/06/09	120	1016
	05/20/10	120	1016
	09/09/11	65	1016
	06/13/12	37	1242
	07/24/13	39	1242
	04/23/14	86	1242
	05/07/15	94	1016
	08/04/16	44	1016
	12/14/16	76	1016
	03/23/17	100	1016
	06/06/17	150	1016
	09/07/17	95	1016
	12/06/17	91	1016

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-22B	07/28/92	ND	--
	12/11/92	ND	--
	06/17/93	ND	--
	12/02/93	ND	--
	06/07/94	ND	--
	12/08/94	ND	--
	06/15/95	ND	--
	11/07/95	ND	--
	05/16/96	ND	--
	11/12/96	ND	--
	05/28/97	ND	--
	11/14/97	ND	--
	06/17/98	ND	--
	12/09/98	ND	--
	*6/10/1999	0.6 0.5	1242 1260
	10/16/99	ND	--
	07/01/00	ND	--
	11/21/00	ND	--
	06/26/01	ND	--
	10/24/01	ND	--
	04/23/02	ND	--
	11/20/02	ND	--
	05/25/03	ND	--
	11/14/03	ND	--
	06/09/04	ND	--
	05/26/05	ND	--
	07/13/06	ND	--
	07/26/07	ND	--
	09/25/08	ND	--
	08/06/09	ND	--
	05/20/10	ND	--
	09/09/11	ND	--
	06/14/12	ND	--
	07/25/13	ND	--
	04/24/14	ND	--
	05/07/15	ND	--
	08/04/16	ND	--
	12/14/16	33	1016
	03/23/17	ND	--
	06/06/17	4.0	1016
	09/07/17	1.5	1016
	12/06/17	1.3	1016

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-22C	07/28/92	310	1232
	12/17/92	63	1232
	06/22/93	110	1242
	06/10/94	350	1232
	12/16/94	240	1242
	06/20/95	149	1242
	11/10/95	43.4	1242
	05/29/96	118	1242
	11/13/96	90.5	1242
	05/29/97	149	1242
	05/29/97	56.3	1242
	11/12/97	ND	--
	11/14/97	332	1242
	06/18/98	1100	1232
	12/18/98	93	1232
	*6/10/1999	1900	1242
	10/19/99	1300	1242
	07/02/00	1400	1242
	11/22/00	2070	1242
	06/27/01	1700	1242
	10/24/01	545	1016/1242
	04/24/02	5100	1242
	11/21/02	470	1232
	05/27/03	450	1232
	11/14/03	560	1232
	06/10/04	420	1232
	05/26/05	1900	1232
	07/13/06	1300	1016
	07/27/07	550	1016
	09/25/08	550	1016
	08/06/09	150	1016
	05/20/10	420	1016
	09/09/11	350	1016
	06/13/12	420	1242
	07/24/13	190	1242
	04/23/14	450	1242
	05/07/15	420	1016
	08/03/16	170	1016
	12/14/16	500	1016
	03/23/17	410	1016
	06/06/17	970	1016
	09/07/17	440	1016
	12/06/17	350	1016
6-23	07/28/92	ND	--
6-28	03/22/17	ND	--
6-30	06/23/93	ND	--
	12/01/93	ND	--
6-33	03/23/17	ND	--
6-34	03/23/17	ND	--
6-36	03/23/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-37	03/23/17	ND	--
6-38	03/23/17	ND	--
6-39	03/23/17	ND	--
6-40	07/02/00	51	1221
	07/26/00	11	1221
	11/21/00	31.1	1221
	06/26/01	1.63	1242
	10/24/01	28.6	1016/1242
	10/24/01	35.5	1221
	04/24/02	46.0	1221
	11/21/02	11	1016
	05/27/03	9.2	1016/1221
	11/14/03	7.3	1016
	06/10/04	10	1016
	05/24/05	29	1016
	07/13/06	19	1232
	07/26/07	48	1232
	09/25/08	3.5	1016
	08/06/09	13	1016
	05/20/10	9.4	1016
	09/09/11	16	1016
	06/14/12	10	1242
	07/25/13	11	1242
	04/23/14	12	1242
	05/07/15	30	1016
	08/03/16	13	1016
	12/14/16	21	1016
	03/23/17	13	1016
	06/06/17	28	1016
	09/07/17	38	1016
	12/06/17	9.2	1016
6-41	12/10/98	ND	--
	03/23/17	15	1016
6-42	06/10/99	ND	--
	03/23/17	ND	--
6-43	12/10/98	ND	--
	03/23/17	ND	--
6-44	12/10/98	ND	--
	03/23/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-45	11/19/00	ND	--
	06/23/01	41.3	1242
	10/23/01	ND	--
	10/23/01	ND	--
	04/23/02	ND	--
	11/20/02	ND	--
	05/24/03	ND	--
	11/12/03	ND	--
	06/09/04	ND	--
	05/23/05	ND	--
	07/12/06	ND	--
	07/27/07	ND	--
	09/25/08	ND	--
	08/06/09	ND	--
	05/20/10	ND	--
	09/09/11	ND	--
	06/14/12	ND	--
	07/25/13	ND	--
	03/22/17	ND	--
6-46	11/19/00	ND	--
	06/23/01	ND	--
	10/24/01	ND	--
	04/23/02	ND	--
	11/20/02	ND	--
	05/25/03	ND	--
	11/13/03	ND	--
	06/09/04	ND	--
	05/24/05	ND	--
	07/13/06	ND	--
	07/27/07	ND	--
	09/25/08	ND	--
	08/06/09	ND	--
	05/20/10	ND	--
	09/09/11	ND	--
	06/14/12	ND	--
	07/26/13	ND	--
	04/24/14	ND	--
	05/06/15	ND	--
	08/02/16	ND	--
	03/22/17	ND	--

Table 4

Groundwater Analytical Results Summary - PCBs
Laguna Compressor Station No. 6
Laguna, New Mexico

Well ID	Date	Total PCB Concentration (µg/L)	Aroclor Reported
EPA SDWA MCL		0.5	
6-47	11/19/00	ND	--
	06/23/01	ND	--
	10/24/01	ND	--
	04/23/02	ND	--
	11/20/02	ND	--
	05/25/03	ND	--
	11/13/03	ND	--
	06/09/04	ND	--
	05/24/05	ND	--
	07/13/06	ND	--
	07/27/07	ND	--
	09/25/08	ND	--
	08/06/09	ND	--
	05/20/10	ND	--
	09/09/11	ND	--
	06/14/12	ND	--
	07/26/13	ND	--
	04/24/14	ND	--
	05/07/15	ND	--
	08/03/16	ND	--
	03/22/17	ND	--
6-48	03/22/17	ND	--
6-48B	03/22/17	ND	--
6-49B	03/22/17	ND	--
6-PW6	06/05/92	ND	--
6-CH1	02/20/15	ND	--
	Plugged and Abandoned 2015		
6-CH2	02/20/15	ND	--
	Plugged and Abandoned 2015		
6-CH3	06/05/92	ND	--
	02/20/15	ND	--
	Plugged and Abandoned 2015		
6-CH4	06/05/92	ND	--
	02/20/15	ND	--
	Plugged and Abandoned 2015		
6-CH5	2/20/2015	ND	--
	Plugged and Abandoned 2015		

Notes:

PCB = polychlorinated biphenyl

ug/L = micrograms per liter

EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminate Level

BOLD = concentration exceeds EPA SDWA MCL

ND = not detected

NS = not sampled

-- = not applicable

Table 5

**ISEB Analytical Summary
Laguna Compressor Station No. 6
Laguna, New Mexico**

Well	Date	Benzene (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	PCBs (µg/L)	Total Organic Carbon (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)
EPA SDWA MCL		5	25	7	0.5	NE	NE	NE	NE
6-9	12/14/16	Not sampled due to presence of EVO in well							
	03/22/17	Not sampled due to presence of EVO in well							
	06/06/17	1.3	34	15	290	630	2.6	<0.0010	<0.0010
	09/07/17	2	43	19	200	170	7.88	<0.0130	<0.0130
	12/06/17	2.1	43	14	130	430	3.9	<0.0010	<0.0010
6-13	12/14/16	3	9.8	10	3.2	55	NA	NA	NA
	03/23/17	2.1	9.3	9.8	<0.25	49	0.0063	<0.0010	<0.0010
	06/06/17	2.3	12	11	<1.0	46	0.007	<0.0010	<0.0010
	09/07/17	3	14	12	<1.0	50	0.025	<0.0130	<0.0130
	12/06/17	2.6	13	10	<1.0	44	0.0052	<0.0010	<0.0010
6-14	12/14/16	1.4	53	20	22	15	NA	NA	NA
	03/22/17	<1.0	20	4.7	<0.25	11	0.56	<0.0010	<0.0010
	06/06/17	<1.0	18	7.1	7.1	12	0.096	<0.0010	<0.0010
	09/07/17	1.6	54	21	<1.0	16	0.69	<0.0130	<0.0130
	12/06/17	1.7	61	24	12	17	0.85	<0.0010	<0.0010
6-21B	12/14/16	2.2	52	14	55	24	NA	NA	NA
	03/23/17	2.6	72	21	<0.25	19	0.002	<0.0010	<0.0010
	06/06/17	2.3	74	21	<1.0	20	0.0081	<0.0010	<0.0010
	09/07/17	1.9	73	21	<1.0	19	0.0288	<0.0130	<0.0130
	12/06/17	<1.0	46	14	<1.0	16	0.0032	<0.0010	<0.0010
6-21C	12/14/16	2.5	82	54	76	17	NA	NA	NA
	03/23/17	1.8	73	44	100	17	1.2	<0.0010	<0.0010
	06/06/17	2	82	56	150	17	3.4	<0.0010	<0.0010
	09/07/17	2.3	89	62	95	17	5.37	<0.0130	<0.0130
	12/06/17	2.1	94	63	91	18	3.9	<0.0010	<0.0010

ISEB Analytical Summary
Laguna Compressor Station No. 6
Laguna, New Mexico

Well	Date	Benzene (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	PCBs (µg/L)	Total Organic Carbon (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)
EPA SDWA MCL		5	25	7	0.5	NE	NE	NE	NE
6-22B	12/14/16	10	<1.0	<1.0	33	22	NA	NA	NA
	03/23/17	9.5	<1.0	<1.0	<0.25	21	<0.0010	<0.0010	<0.0010
	06/06/17	6.8	<1.0	<1.0	4	24	0.34	<0.0010	<0.0010
	09/07/17	3.9	<1.0	<1.0	1.5	20	0.825	<0.0130	<0.0130
	12/06/17	2.6	<1.0	<1.0	1.3	17	0.21	<0.0010	<0.0010
6-22C	12/14/16	2.4	66	37	500	16	NA	NA	NA
	03/23/17	1.9	53	24	410	17	1.2	<0.0010	<0.0010
	06/06/17	1.9	52	28	970	17	3.3	<0.0010	<0.0010
	09/07/17	1.9	50	26	440	17	4.65	<0.0130	<0.0130
	12/06/17	2.4	54	33	350	18	3.8	<0.0010	<0.0010
6-40	12/14/16	1.3	67	29	21	15	NA	NA	NA
	03/23/17	1.0	49	18	13	15	<0.0010	<0.0010	<0.0010
	06/06/17	<1.0	51	19	28	15	0.059	<0.0010	<0.0010
	09/07/17	<1.0	53	18	38	15	0.294	<0.0130	<0.0130
	12/06/17	1.2	64	24	9.2	16	0.18	<0.0010	<0.0010

Notes:

ug/L = micrograms per liter

EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminate Level

PCE = Tetrachloroethylene

TCA = Trichloroethane

DCA = Dichloroethane

DCE = Dichloroethene

DCA = Dichloroethane

BOLD = concentration exceeds EPA SDWA MCL or NMWQCC standard

Appendices

Appendix A

Analytical Reports



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 07, 2017

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Laguna

OrderNo.: 1703C19

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 46 sample(s) on 3/23/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-07

Project: Laguna

Collection Date: 3/23/2017 10:25:00 AM

Lab ID: 1703C19-008

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 8:52:00 AM	30904
Surr: Decachlorobiphenyl	54.8	26.1-140		%Rec	1	3/28/2017 8:52:00 AM	30904
Surr: Tetrachloro-m-xylene	59.6	15-123		%Rec	1	3/28/2017 8:52:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 4:17:49 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 4:17:49 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 4:17:49 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-07

Project: Laguna

Collection Date: 3/23/2017 10:25:00 AM

Lab ID: 1703C19-008

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 4:17:49 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 4:17:49 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 4:17:49 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 4:17:49 PM	R41654
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	3/24/2017 4:17:49 PM	R41654
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	3/24/2017 4:17:49 PM	R41654
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/24/2017 4:17:49 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-07

Project: Laguna

Collection Date: 3/23/2017 10:25:00 AM

Lab ID: 1703C19-008

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	101	70-130		%Rec	1	3/24/2017 4:17:49 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-13

Project: Laguna

Collection Date: 3/23/2017 10:30:00 AM

Lab ID: 1703C19-009

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	49	1.0		mg/L	1	3/24/2017 6:27:36 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 9:25:00 AM	30904
Surr: Decachlorobiphenyl	61.2	26.1-140		%Rec	1	3/28/2017 9:25:00 AM	30904
Surr: Tetrachloro-m-xylene	72.0	15-123		%Rec	1	3/28/2017 9:25:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	2.1	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Acetone	26	10		µg/L	1	3/24/2017 4:46:30 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 4:46:30 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 4:46:30 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-13

Project: Laguna

Collection Date: 3/23/2017 10:30:00 AM

Lab ID: 1703C19-009

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1-Dichloroethane	9.3	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1-Dichloroethene	9.8	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 4:46:30 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 4:46:30 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 4:46:30 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 4:46:30 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-13

Project: Laguna

Collection Date: 3/23/2017 10:30:00 AM

Lab ID: 1703C19-009

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: 1,2-Dichloroethane-d4	96.5	70-130		%Rec	1	3/24/2017 4:46:30 PM	R41654
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	3/24/2017 4:46:30 PM	R41654
Surr: Dibromofluoromethane	96.2	70-130		%Rec	1	3/24/2017 4:46:30 PM	R41654
Surr: Toluene-d8	100	70-130		%Rec	1	3/24/2017 4:46:30 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-11

Project: Laguna

Collection Date: 3/23/2017 10:50:00 AM

Lab ID: 1703C19-010

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 9:58:00 AM	30904
Surr: Decachlorobiphenyl	76.4	26.1-140		%Rec	1	3/28/2017 9:58:00 AM	30904
Surr: Tetrachloro-m-xylene	90.8	15-123		%Rec	1	3/28/2017 9:58:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 5:15:30 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 5:15:30 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 5:15:30 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-11

Project: Laguna

Collection Date: 3/23/2017 10:50:00 AM

Lab ID: 1703C19-010

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1-Dichloroethane	7.0	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 5:15:30 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 5:15:30 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 5:15:30 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 5:15:30 PM	R41654
Surr: 1,2-Dichloroethane-d4	96.4	70-130		%Rec	1	3/24/2017 5:15:30 PM	R41654
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	3/24/2017 5:15:30 PM	R41654
Surr: Dibromofluoromethane	99.7	70-130		%Rec	1	3/24/2017 5:15:30 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-11

Project: Laguna

Collection Date: 3/23/2017 10:50:00 AM

Lab ID: 1703C19-010

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	103	70-130		%Rec	1	3/24/2017 5:15:30 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-43

Project: Laguna

Collection Date: 3/23/2017 10:55:00 AM

Lab ID: 1703C19-011

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 10:31:00 AM	30904
Surr: Decachlorobiphenyl	73.6	26.1-140		%Rec	1	3/28/2017 10:31:00 AM	30904
Surr: Tetrachloro-m-xylene	85.2	15-123		%Rec	1	3/28/2017 10:31:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 5:44:04 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 5:44:04 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 5:44:04 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-43

Project: Laguna

Collection Date: 3/23/2017 10:55:00 AM

Lab ID: 1703C19-011

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 5:44:04 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 5:44:04 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 5:44:04 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 5:44:04 PM	R41654
Surr: 1,2-Dichloroethane-d4	95.8	70-130		%Rec	1	3/24/2017 5:44:04 PM	R41654
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 5:44:04 PM	R41654
Surr: Dibromofluoromethane	96.3	70-130		%Rec	1	3/24/2017 5:44:04 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-43

Project: Laguna

Collection Date: 3/23/2017 10:55:00 AM

Lab ID: 1703C19-011

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: Toluene-d8	99.0	70-130		%Rec	1	3/24/2017 5:44:04 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-21B

Project: Laguna

Collection Date: 3/23/2017 11:15:00 AM

Lab ID: 1703C19-012

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	19	1.0		mg/L	1	3/24/2017 6:45:37 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 11:04:00 AM	30904
Surr: Decachlorobiphenyl	68.8	26.1-140		%Rec	1	3/28/2017 11:04:00 AM	30904
Surr: Tetrachloro-m-xylene	85.2	15-123		%Rec	1	3/28/2017 11:04:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	2.6	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 6:12:47 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 6:12:47 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 6:12:47 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
cis-1,2-DCE	1.0	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-21B

Project: Laguna

Collection Date: 3/23/2017 11:15:00 AM

Lab ID: 1703C19-012

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1-Dichloroethane	72	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1-Dichloroethene	21	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 6:12:47 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 6:12:47 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 6:12:47 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 6:12:47 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-21B

Project: Laguna

Collection Date: 3/23/2017 11:15:00 AM

Lab ID: 1703C19-012

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: 1,2-Dichloroethane-d4	90.8	70-130		%Rec	1	3/24/2017 6:12:47 PM	R41654
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 6:12:47 PM	R41654
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	3/24/2017 6:12:47 PM	R41654
Surr: Toluene-d8	98.4	70-130		%Rec	1	3/24/2017 6:12:47 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-21C

Project: Laguna

Collection Date: 3/23/2017 11:23:00 AM

Lab ID: 1703C19-013

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	17	1.0		mg/L	1	3/24/2017 7:07:58 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	100	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Aroclor 1221	ND	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Aroclor 1232	ND	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Aroclor 1242	ND	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Aroclor 1248	ND	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Aroclor 1254	ND	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Aroclor 1260	ND	0.50		µg/L	2	3/31/2017 6:52:00 AM	30904
Surr: Decachlorobiphenyl	102	26.1-140		%Rec	2	3/31/2017 6:52:00 AM	30904
Surr: Tetrachloro-m-xylene	125	15-123	S	%Rec	2	3/31/2017 6:52:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	1.8	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Toluene	1.5	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Ethylbenzene	2.3	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2,4-Trimethylbenzene	5.1	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 11:28:42 AM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 11:28:42 AM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 11:28:42 AM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Chloroethane	2.1	2.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
cis-1,2-DCE	1.4	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-21C

Project: Laguna

Collection Date: 3/23/2017 11:23:00 AM

Lab ID: 1703C19-013

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1-Dichloroethane	73	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1-Dichloroethene	44	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 11:28:42 AM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 11:28:42 AM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
n-Propylbenzene	1.1	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Vinyl chloride	1.2	1.0		µg/L	1	3/27/2017 11:28:42 AM	A41686
Xylenes, Total	7.8	1.5		µg/L	1	3/27/2017 11:28:42 AM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-21C

Project: Laguna

Collection Date: 3/23/2017 11:23:00 AM

Lab ID: 1703C19-013

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	3/27/2017 11:28:42 AM	A41686
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	3/27/2017 11:28:42 AM	A41686
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/27/2017 11:28:42 AM	A41686
Surr: Toluene-d8	102	70-130		%Rec	1	3/27/2017 11:28:42 AM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-22B

Project: Laguna

Collection Date: 3/23/2017 11:40:00 AM

Lab ID: 1703C19-014

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	21	1.0		mg/L	1	3/24/2017 7:26:09 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 12:43:00 PM	30904
Surr: Decachlorobiphenyl	68.4	26.1-140		%Rec	1	3/28/2017 12:43:00 PM	30904
Surr: Tetrachloro-m-xylene	84.0	15-123		%Rec	1	3/28/2017 12:43:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	9.5	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 7:10:46 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 7:10:46 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 7:10:46 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-22B

Project: Laguna

Collection Date: 3/23/2017 11:40:00 AM

Lab ID: 1703C19-014

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 7:10:46 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 7:10:46 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 7:10:46 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 7:10:46 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-22B

Project: Laguna

Collection Date: 3/23/2017 11:40:00 AM

Lab ID: 1703C19-014

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	3/24/2017 7:10:46 PM	R41654
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	3/24/2017 7:10:46 PM	R41654
Surr: Dibromofluoromethane	101	70-130		%Rec	1	3/24/2017 7:10:46 PM	R41654
Surr: Toluene-d8	94.6	70-130		%Rec	1	3/24/2017 7:10:46 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-22C

Project: Laguna

Collection Date: 3/23/2017 11:50:00 AM

Lab ID: 1703C19-015

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	17	1.0		mg/L	1	3/24/2017 7:43:33 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	410	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Aroclor 1221	ND	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Aroclor 1232	ND	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Aroclor 1242	ND	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Aroclor 1248	ND	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Aroclor 1254	ND	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Aroclor 1260	ND	5.0	D	µg/L	20	3/31/2017 9:04:00 AM	30904
Surr: Decachlorobiphenyl	0	26.1-140	SD	%Rec	20	3/31/2017 9:04:00 AM	30904
Surr: Tetrachloro-m-xylene	0	15-123	SD	%Rec	20	3/31/2017 9:04:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	1.9	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Ethylbenzene	6.3	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2,4-Trimethylbenzene	17	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Naphthalene	5.6	2.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1-Methylnaphthalene	9.0	4.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
2-Methylnaphthalene	9.5	4.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 11:58:08 AM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 11:58:08 AM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 11:58:08 AM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
cis-1,2-DCE	3.4	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-22C

Project: Laguna

Collection Date: 3/23/2017 11:50:00 AM

Lab ID: 1703C19-015

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1-Dichloroethane	53	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1-Dichloroethene	24	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 11:58:08 AM	A41686
Isopropylbenzene	2.0	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 11:58:08 AM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
n-Propylbenzene	2.7	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1,1-Trichloroethane	2.1	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 11:58:08 AM	A41686
Xylenes, Total	24	1.5		µg/L	1	3/27/2017 11:58:08 AM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-22C

Project: Laguna

Collection Date: 3/23/2017 11:50:00 AM

Lab ID: 1703C19-015

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	3/27/2017 11:58:08 AM	A41686
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	3/27/2017 11:58:08 AM	A41686
Surr: Dibromofluoromethane	101	70-130		%Rec	1	3/27/2017 11:58:08 AM	A41686
Surr: Toluene-d8	98.4	70-130		%Rec	1	3/27/2017 11:58:08 AM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-40

Project: Laguna

Collection Date: 3/23/2017 12:00:00 PM

Lab ID: 1703C19-016

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	15	1.0		mg/L	1	3/24/2017 8:00:49 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	13	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/31/2017 7:58:00 AM	30904
Surr: Decachlorobiphenyl	101	26.1-140		%Rec	1	3/31/2017 7:58:00 AM	30904
Surr: Tetrachloro-m-xylene	129	15-123	S	%Rec	1	3/31/2017 7:58:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	1.0	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 8:08:37 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 8:08:37 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 8:08:37 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-40

Project: Laguna

Collection Date: 3/23/2017 12:00:00 PM

Lab ID: 1703C19-016

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1-Dichloroethane	49	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1-Dichloroethene	18	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 8:08:37 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 8:08:37 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 8:08:37 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 8:08:37 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-40

Project: Laguna

Collection Date: 3/23/2017 12:00:00 PM

Lab ID: 1703C19-016

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Surr: 1,2-Dichloroethane-d4	97.1	70-130		%Rec	1	3/24/2017 8:08:37 PM	R41654
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/24/2017 8:08:37 PM	R41654
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	3/24/2017 8:08:37 PM	R41654
Surr: Toluene-d8	103	70-130		%Rec	1	3/24/2017 8:08:37 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-20B

Project: Laguna

Collection Date: 3/23/2017 12:08:00 PM

Lab ID: 1703C19-017

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 8:37:51 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 8:37:51 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 8:37:51 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,1-Dichloroethane	19	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,1-Dichloroethene	1.6	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 8:37:51 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-20B

Project: Laguna

Collection Date: 3/23/2017 12:08:00 PM

Lab ID: 1703C19-017

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 8:37:51 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 8:37:51 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 8:37:51 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 8:37:51 PM	R41654
Surr: 1,2-Dichloroethane-d4	99.1	70-130		%Rec	1	3/24/2017 8:37:51 PM	R41654
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	3/24/2017 8:37:51 PM	R41654
Surr: Dibromofluoromethane	101	70-130		%Rec	1	3/24/2017 8:37:51 PM	R41654
Surr: Toluene-d8	100	70-130		%Rec	1	3/24/2017 8:37:51 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-20C

Project: Laguna

Collection Date: 3/23/2017 12:18:00 PM

Lab ID: 1703C19-018

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	11	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/31/2017 8:31:00 AM	30904
Surr: Decachlorobiphenyl	91.6	26.1-140		%Rec	1	3/31/2017 8:31:00 AM	30904
Surr: Tetrachloro-m-xylene	113	15-123		%Rec	1	3/31/2017 8:31:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 9:06:41 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 9:06:41 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 9:06:41 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-20C

Project: Laguna

Collection Date: 3/23/2017 12:18:00 PM

Lab ID: 1703C19-018

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1-Dichloroethane	6.5	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1-Dichloroethene	1.9	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 9:06:41 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 9:06:41 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1,1-Trichloroethane	3.5	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 9:06:41 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 9:06:41 PM	R41654
Surr: 1,2-Dichloroethane-d4	96.6	70-130		%Rec	1	3/24/2017 9:06:41 PM	R41654
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	3/24/2017 9:06:41 PM	R41654
Surr: Dibromofluoromethane	103	70-130		%Rec	1	3/24/2017 9:06:41 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-20C

Project: Laguna

Collection Date: 3/23/2017 12:18:00 PM

Lab ID: 1703C19-018

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	100	70-130		%Rec	1	3/24/2017 9:06:41 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-10

Project: Laguna

Collection Date: 3/23/2017 12:35:00 PM

Lab ID: 1703C19-019

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	12	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/31/2017 9:37:00 AM	30904
Surr: Decachlorobiphenyl	104	26.1-140		%Rec	1	3/31/2017 9:37:00 AM	30904
Surr: Tetrachloro-m-xylene	132	15-123	S	%Rec	1	3/31/2017 9:37:00 AM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 9:35:12 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 9:35:12 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 9:35:12 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-10

Project: Laguna

Collection Date: 3/23/2017 12:35:00 PM

Lab ID: 1703C19-019

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 9:35:12 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 9:35:12 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1,1-Trichloroethane	8.0	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 9:35:12 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 9:35:12 PM	R41654
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	3/24/2017 9:35:12 PM	R41654
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/24/2017 9:35:12 PM	R41654
Surr: Dibromofluoromethane	100	70-130		%Rec	1	3/24/2017 9:35:12 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-10

Project: Laguna

Collection Date: 3/23/2017 12:35:00 PM

Lab ID: 1703C19-019

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	101	70-130		%Rec	1	3/24/2017 9:35:12 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-17

Project: Laguna

Collection Date: 3/22/2017 3:42:00 PM

Lab ID: 1703C19-020

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 4:34:00 PM	30904
Surr: Decachlorobiphenyl	80.0	26.1-140		%Rec	1	3/28/2017 4:34:00 PM	30904
Surr: Tetrachloro-m-xylene	106	15-123		%Rec	1	3/28/2017 4:34:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Toluene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Naphthalene	ND	2.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Acetone	ND	10		µg/L	1	3/24/2017 10:04:12 PM	R41654
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Bromoform	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Bromomethane	ND	3.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
2-Butanone	ND	10		µg/L	1	3/24/2017 10:04:12 PM	R41654
Carbon disulfide	ND	10		µg/L	1	3/24/2017 10:04:12 PM	R41654
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Chloroethane	ND	2.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Chloroform	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Chloromethane	ND	3.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-17

Project: Laguna

Collection Date: 3/22/2017 3:42:00 PM

Lab ID: 1703C19-020

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
2-Hexanone	ND	10		µg/L	1	3/24/2017 10:04:12 PM	R41654
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 10:04:12 PM	R41654
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Styrene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 10:04:12 PM	R41654
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 10:04:12 PM	R41654
Surr: 1,2-Dichloroethane-d4	89.5	70-130		%Rec	1	3/24/2017 10:04:12 PM	R41654
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	3/24/2017 10:04:12 PM	R41654
Surr: Dibromofluoromethane	93.2	70-130		%Rec	1	3/24/2017 10:04:12 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-17

Project: Laguna

Collection Date: 3/22/2017 3:42:00 PM

Lab ID: 1703C19-020

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	100	70-130		%Rec	1	3/24/2017 10:04:12 PM	R41654

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-28

Project: Laguna

Collection Date: 3/22/2017 3:55:00 PM

Lab ID: 1703C19-021

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 5:07:00 PM	30904
Surr: Decachlorobiphenyl	83.6	26.1-140		%Rec	1	3/28/2017 5:07:00 PM	30904
Surr: Tetrachloro-m-xylene	105	15-123		%Rec	1	3/28/2017 5:07:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 2:52:22 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 2:52:22 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 2:52:22 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-28

Project: Laguna

Collection Date: 3/22/2017 3:55:00 PM

Lab ID: 1703C19-021

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 2:52:22 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 2:52:22 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 2:52:22 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 2:52:22 PM	A41686
Surr: 1,2-Dichloroethane-d4	95.6	70-130		%Rec	1	3/27/2017 2:52:22 PM	A41686
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	3/27/2017 2:52:22 PM	A41686
Surr: Dibromofluoromethane	95.0	70-130		%Rec	1	3/27/2017 2:52:22 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-28

Project: Laguna

Collection Date: 3/22/2017 3:55:00 PM

Lab ID: 1703C19-021

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	95.2	70-130		%Rec	1	3/27/2017 2:52:22 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-33

Project: Laguna

Collection Date: 3/23/2017 8:45:00 AM

Lab ID: 1703C19-022

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 5:40:00 PM	30904
Surr: Decachlorobiphenyl	79.2	26.1-140		%Rec	1	3/28/2017 5:40:00 PM	30904
Surr: Tetrachloro-m-xylene	98.0	15-123		%Rec	1	3/28/2017 5:40:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 3:21:14 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 3:21:14 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 3:21:14 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-33

Project: Laguna

Collection Date: 3/23/2017 8:45:00 AM

Lab ID: 1703C19-022

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 3:21:14 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 3:21:14 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 3:21:14 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 3:21:14 PM	A41686
Surr: 1,2-Dichloroethane-d4	98.3	70-130		%Rec	1	3/27/2017 3:21:14 PM	A41686
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/27/2017 3:21:14 PM	A41686
Surr: Dibromofluoromethane	94.6	70-130		%Rec	1	3/27/2017 3:21:14 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-33

Project: Laguna

Collection Date: 3/23/2017 8:45:00 AM

Lab ID: 1703C19-022

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	94.2	70-130		%Rec	1	3/27/2017 3:21:14 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-16

Project: Laguna

Collection Date: 3/23/2017 8:50:00 AM

Lab ID: 1703C19-023

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 6:46:00 PM	30904
Surr: Decachlorobiphenyl	76.4	26.1-140		%Rec	1	3/28/2017 6:46:00 PM	30904
Surr: Tetrachloro-m-xylene	107	15-123		%Rec	1	3/28/2017 6:46:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 4:47:54 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 4:47:54 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 4:47:54 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-16

Project: Laguna

Collection Date: 3/23/2017 8:50:00 AM

Lab ID: 1703C19-023

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1-Dichloroethane	9.4	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 4:47:54 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 4:47:54 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 4:47:54 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 4:47:54 PM	A41686
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	3/27/2017 4:47:54 PM	A41686
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	3/27/2017 4:47:54 PM	A41686
Surr: Dibromofluoromethane	96.5	70-130		%Rec	1	3/27/2017 4:47:54 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-16

Project: Laguna

Collection Date: 3/23/2017 8:50:00 AM

Lab ID: 1703C19-023

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	95.4	70-130		%Rec	1	3/27/2017 4:47:54 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-38

Project: Laguna

Collection Date: 3/23/2017 9:05:00 AM

Lab ID: 1703C19-024

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 7:19:00 PM	30904
Surr: Decachlorobiphenyl	74.4	26.1-140		%Rec	1	3/28/2017 7:19:00 PM	30904
Surr: Tetrachloro-m-xylene	91.2	15-123		%Rec	1	3/28/2017 7:19:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1-Methylnaphthalene	12	4.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 5:17:07 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 5:17:07 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 5:17:07 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-38

Project: Laguna

Collection Date: 3/23/2017 9:05:00 AM

Lab ID: 1703C19-024

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 5:17:07 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 5:17:07 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 5:17:07 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 5:17:07 PM	A41686
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	3/27/2017 5:17:07 PM	A41686
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	3/27/2017 5:17:07 PM	A41686
Surr: Dibromofluoromethane	101	70-130		%Rec	1	3/27/2017 5:17:07 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-38

Project: Laguna

Collection Date: 3/23/2017 9:05:00 AM

Lab ID: 1703C19-024

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	95.1	70-130		%Rec	1	3/27/2017 5:17:07 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-39

Project: Laguna

Collection Date: 3/23/2017 9:10:00 AM

Lab ID: 1703C19-025

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 7:52:00 PM	30904
Surr: Decachlorobiphenyl	87.2	26.1-140		%Rec	1	3/28/2017 7:52:00 PM	30904
Surr: Tetrachloro-m-xylene	114	15-123		%Rec	1	3/28/2017 7:52:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Naphthalene	3.6	2.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1-Methylnaphthalene	8.8	4.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 5:45:48 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 5:45:48 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 5:45:48 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-39

Project: Laguna

Collection Date: 3/23/2017 9:10:00 AM

Lab ID: 1703C19-025

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 5:45:48 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 5:45:48 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 5:45:48 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 5:45:48 PM	A41686
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	3/27/2017 5:45:48 PM	A41686
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/27/2017 5:45:48 PM	A41686
Surr: Dibromofluoromethane	98.4	70-130		%Rec	1	3/27/2017 5:45:48 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-39

Project: Laguna

Collection Date: 3/23/2017 9:10:00 AM

Lab ID: 1703C19-025

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	91.8	70-130		%Rec	1	3/27/2017 5:45:48 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-34

Project: Laguna

Collection Date: 3/23/2017 9:25:00 AM

Lab ID: 1703C19-026

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 8:25:00 PM	30904
Surr: Decachlorobiphenyl	94.4	26.1-140		%Rec	1	3/28/2017 8:25:00 PM	30904
Surr: Tetrachloro-m-xylene	125	15-123	S	%Rec	1	3/28/2017 8:25:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Acetone	46	10		µg/L	1	3/27/2017 6:14:57 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 6:14:57 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 6:14:57 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-34

Project: Laguna

Collection Date: 3/23/2017 9:25:00 AM

Lab ID: 1703C19-026

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 6:14:57 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 6:14:57 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 6:14:57 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 6:14:57 PM	A41686
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	3/27/2017 6:14:57 PM	A41686
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	3/27/2017 6:14:57 PM	A41686
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	3/27/2017 6:14:57 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-34

Project: Laguna

Collection Date: 3/23/2017 9:25:00 AM

Lab ID: 1703C19-026

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	92.1	70-130		%Rec	1	3/27/2017 6:14:57 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-37

Project: Laguna

Collection Date: 3/23/2017 9:35:00 AM

Lab ID: 1703C19-027

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 8:58:00 PM	30904
Surr: Decachlorobiphenyl	77.6	26.1-140		%Rec	1	3/28/2017 8:58:00 PM	30904
Surr: Tetrachloro-m-xylene	109	15-123		%Rec	1	3/28/2017 8:58:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: AG
Benzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Toluene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Ethylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Naphthalene	ND	2.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Acetone	ND	10		µg/L	1	3/27/2017 6:44:17 PM	A41686
Bromobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Bromoform	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Bromomethane	ND	3.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
2-Butanone	ND	10		µg/L	1	3/27/2017 6:44:17 PM	A41686
Carbon disulfide	ND	10		µg/L	1	3/27/2017 6:44:17 PM	A41686
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Chlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Chloroethane	ND	2.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Chloroform	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Chloromethane	ND	3.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-37

Project: Laguna

Collection Date: 3/23/2017 9:35:00 AM

Lab ID: 1703C19-027

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: AG			
Dibromomethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
2-Hexanone	ND	10		µg/L	1	3/27/2017 6:44:17 PM	A41686
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2017 6:44:17 PM	A41686
Methylene Chloride	ND	3.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Styrene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Vinyl chloride	ND	1.0		µg/L	1	3/27/2017 6:44:17 PM	A41686
Xylenes, Total	ND	1.5		µg/L	1	3/27/2017 6:44:17 PM	A41686
Surr: 1,2-Dichloroethane-d4	97.9	70-130		%Rec	1	3/27/2017 6:44:17 PM	A41686
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	3/27/2017 6:44:17 PM	A41686
Surr: Dibromofluoromethane	99.4	70-130		%Rec	1	3/27/2017 6:44:17 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-37

Project: Laguna

Collection Date: 3/23/2017 9:35:00 AM

Lab ID: 1703C19-027

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: AG
Surr: Toluene-d8	92.2	70-130		%Rec	1	3/27/2017 6:44:17 PM	A41686

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-19

Project: Laguna

Collection Date: 3/23/2017 9:45:00 AM

Lab ID: 1703C19-028

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 9:31:00 PM	30904
Surr: Decachlorobiphenyl	82.0	26.1-140		%Rec	1	3/28/2017 9:31:00 PM	30904
Surr: Tetrachloro-m-xylene	106	15-123		%Rec	1	3/28/2017 9:31:00 PM	30904
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 3:13:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Bromodichloromethane	4.3	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 3:13:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 3:13:00 PM	R41658
Carbon Tetrachloride	35	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Chloroform	230	10		µg/L	10	3/27/2017 12:06:00 PM	R41692
Chloromethane	ND	3.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-19

Project: Laguna

Collection Date: 3/23/2017 9:45:00 AM

Lab ID: 1703C19-028

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: rde			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 3:13:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 3:13:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Tetrachloroethene (PCE)	8.5	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 3:13:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 3:13:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	95.8	70-130		%Rec	1	3/24/2017 3:13:00 PM	R41658
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 3:13:00 PM	R41658
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/24/2017 3:13:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-19

Project: Laguna

Collection Date: 3/23/2017 9:45:00 AM

Lab ID: 1703C19-028

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 3:13:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-DUP

Project: Laguna

Collection Date: 3/23/2017

Lab ID: 1703C19-029

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 3:36:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Bromodichloromethane	4.3	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 3:36:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 3:36:00 PM	R41658
Carbon Tetrachloride	34	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Chloroform	220	10		µg/L	10	3/27/2017 12:29:00 PM	R41692
Chloromethane	ND	3.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 3:36:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-DUP

Project: Laguna

Collection Date: 3/23/2017

Lab ID: 1703C19-029

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 3:36:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 3:36:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Tetrachloroethene (PCE)	8.5	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 3:36:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 3:36:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	94.7	70-130		%Rec	1	3/24/2017 3:36:00 PM	R41658
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	3/24/2017 3:36:00 PM	R41658
Surr: Dibromofluoromethane	110	70-130		%Rec	1	3/24/2017 3:36:00 PM	R41658
Surr: Toluene-d8	101	70-130		%Rec	1	3/24/2017 3:36:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-44

Project: Laguna

Collection Date: 3/23/2017 9:50:00 AM

Lab ID: 1703C19-030

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 10:04:00 PM	30905
Surr: Decachlorobiphenyl	80.8	26.1-140		%Rec	1	3/28/2017 10:04:00 PM	30905
Surr: Tetrachloro-m-xylene	104	15-123		%Rec	1	3/28/2017 10:04:00 PM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2-Dichloroethane (EDC)	10	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 4:00:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 4:00:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 4:00:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-44

Project: Laguna

Collection Date: 3/23/2017 9:50:00 AM

Lab ID: 1703C19-030

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1-Dichloroethane	23	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1-Dichloroethene	180	10		µg/L	10	3/27/2017 12:53:00 PM	R41692
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 4:00:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 4:00:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1,1-Trichloroethane	21	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 4:00:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 4:00:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	95.1	70-130		%Rec	1	3/24/2017 4:00:00 PM	R41658
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 4:00:00 PM	R41658
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/24/2017 4:00:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-44

Project: Laguna

Collection Date: 3/23/2017 9:50:00 AM

Lab ID: 1703C19-030

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 4:00:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-36

Project: Laguna

Collection Date: 3/23/2017 10:00:00 AM

Lab ID: 1703C19-031

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/28/2017 11:42:00 PM	30905
Surr: Decachlorobiphenyl	85.2	26.1-140		%Rec	1	3/28/2017 11:42:00 PM	30905
Surr: Tetrachloro-m-xylene	103	15-123		%Rec	1	3/28/2017 11:42:00 PM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2-Dichloroethane (EDC)	1.6	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 4:23:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 4:23:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 4:23:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-36

Project: Laguna

Collection Date: 3/23/2017 10:00:00 AM

Lab ID: 1703C19-031

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1-Dichloroethane	6.3	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1-Dichloroethene	32	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 4:23:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 4:23:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1,1-Trichloroethane	4.4	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 4:23:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 4:23:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	96.3	70-130		%Rec	1	3/24/2017 4:23:00 PM	R41658
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	3/24/2017 4:23:00 PM	R41658
Surr: Dibromofluoromethane	110	70-130		%Rec	1	3/24/2017 4:23:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CM-6-36

Project: Laguna

Collection Date: 3/23/2017 10:00:00 AM

Lab ID: 1703C19-031

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 4:23:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-15

Project: Laguna

Collection Date: 3/22/2017 9:50:00 AM

Lab ID: 1703C19-032

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 12:48:00 AM	30905
Surr: Decachlorobiphenyl	81.6	26.1-140		%Rec	1	3/29/2017 12:48:00 AM	30905
Surr: Tetrachloro-m-xylene	106	15-123		%Rec	1	3/29/2017 12:48:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 4:46:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 4:46:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 4:46:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-15

Project: Laguna

Collection Date: 3/22/2017 9:50:00 AM

Lab ID: 1703C19-032

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1-Dichloroethane	3.4	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1-Dichloroethene	2.0	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 4:46:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 4:46:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 4:46:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 4:46:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	94.7	70-130		%Rec	1	3/24/2017 4:46:00 PM	R41658
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	3/24/2017 4:46:00 PM	R41658
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/24/2017 4:46:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-15

Project: Laguna

Collection Date: 3/22/2017 9:50:00 AM

Lab ID: 1703C19-032

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 4:46:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-12

Project: Laguna

Collection Date: 3/22/2017 10:10:00 AM

Lab ID: 1703C19-033

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 1:21:00 AM	30905
Surr: Decachlorobiphenyl	81.6	26.1-140		%Rec	1	3/29/2017 1:21:00 AM	30905
Surr: Tetrachloro-m-xylene	108	15-123		%Rec	1	3/29/2017 1:21:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 5:10:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 5:10:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 5:10:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
cis-1,2-DCE	1.3	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-12

Project: Laguna

Collection Date: 3/22/2017 10:10:00 AM

Lab ID: 1703C19-033

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: rde			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1-Dichloroethane	63	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1-Dichloroethene	20	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 5:10:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 5:10:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 5:10:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 5:10:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	94.0	70-130		%Rec	1	3/24/2017 5:10:00 PM	R41658
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	3/24/2017 5:10:00 PM	R41658
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/24/2017 5:10:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-12

Project: Laguna

Collection Date: 3/22/2017 10:10:00 AM

Lab ID: 1703C19-033

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	101	70-130		%Rec	1	3/24/2017 5:10:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-14

Project: Laguna

Collection Date: 3/22/2017 10:50:00 AM

Lab ID: 1703C19-034

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	11	1.0		mg/L	1	3/24/2017 8:17:31 PM	R41651
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 1:54:00 AM	30905
Surr: Decachlorobiphenyl	91.6	26.1-140		%Rec	1	3/29/2017 1:54:00 AM	30905
Surr: Tetrachloro-m-xylene	124	15-123	S	%Rec	1	3/29/2017 1:54:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 5:34:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 5:34:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 5:34:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-14

Project: Laguna

Collection Date: 3/22/2017 10:50:00 AM

Lab ID: 1703C19-034

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: rde			
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1-Dichloroethane	20	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1-Dichloroethene	4.7	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 5:34:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 5:34:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 5:34:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 5:34:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-14

Project: Laguna

Collection Date: 3/22/2017 10:50:00 AM

Lab ID: 1703C19-034

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: rde	
Surr: 1,2-Dichloroethane-d4	93.5	70-130		%Rec	1	3/24/2017 5:34:00 PM	R41658
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/24/2017 5:34:00 PM	R41658
Surr: Dibromofluoromethane	110	70-130		%Rec	1	3/24/2017 5:34:00 PM	R41658
Surr: Toluene-d8	103	70-130		%Rec	1	3/24/2017 5:34:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-18

Project: Laguna

Collection Date: 3/22/2017 11:46:00 AM

Lab ID: 1703C19-035

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 2:27:00 AM	30905
Surr: Decachlorobiphenyl	81.6	26.1-140		%Rec	1	3/29/2017 2:27:00 AM	30905
Surr: Tetrachloro-m-xylene	97.6	15-123		%Rec	1	3/29/2017 2:27:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 5:58:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 5:58:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 5:58:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Chloroform	2.8	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-18

Project: Laguna

Collection Date: 3/22/2017 11:46:00 AM

Lab ID: 1703C19-035

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 5:58:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 5:58:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 5:58:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 5:58:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	93.4	70-130		%Rec	1	3/24/2017 5:58:00 PM	R41658
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 5:58:00 PM	R41658
Surr: Dibromofluoromethane	106	70-130		%Rec	1	3/24/2017 5:58:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-18

Project: Laguna

Collection Date: 3/22/2017 11:46:00 AM

Lab ID: 1703C19-035

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 5:58:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-08

Project: Laguna

Collection Date: 3/22/2017 1:40:00 PM

Lab ID: 1703C19-036

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 3:00:00 AM	30905
Surr: Decachlorobiphenyl	90.8	26.1-140		%Rec	1	3/29/2017 3:00:00 AM	30905
Surr: Tetrachloro-m-xylene	113	15-123		%Rec	1	3/29/2017 3:00:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 6:22:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 6:22:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 6:22:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Chloroform	2.3	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-08

Project: Laguna

Collection Date: 3/22/2017 1:40:00 PM

Lab ID: 1703C19-036

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1-Dichloroethane	1.4	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 6:22:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 6:22:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 6:22:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 6:22:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	94.3	70-130		%Rec	1	3/24/2017 6:22:00 PM	R41658
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	3/24/2017 6:22:00 PM	R41658
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/24/2017 6:22:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-08

Project: Laguna

Collection Date: 3/22/2017 1:40:00 PM

Lab ID: 1703C19-036

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 6:22:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: WC-086241-032217-CM-Drums

Project: Laguna

Collection Date: 3/22/2017 2:10:00 PM

Lab ID: 1703C19-037

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	27	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/31/2017 10:10:00 AM	30905
Surr: Decachlorobiphenyl	108	26.1-140		%Rec	1	3/31/2017 10:10:00 AM	30905
Surr: Tetrachloro-m-xylene	121	15-123		%Rec	1	3/31/2017 10:10:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 6:46:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 6:46:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 6:46:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Chloroform	5.3	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: WC-086241-032217-CM-Drums

Project: Laguna

Collection Date: 3/22/2017 2:10:00 PM

Lab ID: 1703C19-037

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: rde			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1-Dichloroethane	16	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1-Dichloroethene	7.7	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 6:46:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 6:46:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 6:46:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 6:46:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	94.1	70-130		%Rec	1	3/24/2017 6:46:00 PM	R41658
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/24/2017 6:46:00 PM	R41658
Surr: Dibromofluoromethane	108	70-130		%Rec	1	3/24/2017 6:46:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: WC-086241-032217-CM-Drums

Project: Laguna

Collection Date: 3/22/2017 2:10:00 PM

Lab ID: 1703C19-037

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 6:46:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-46

Project: Laguna

Collection Date: 3/22/2017 2:30:00 PM

Lab ID: 1703C19-038

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 4:06:00 AM	30905
Surr: Decachlorobiphenyl	82.8	26.1-140		%Rec	1	3/29/2017 4:06:00 AM	30905
Surr: Tetrachloro-m-xylene	105	15-123		%Rec	1	3/29/2017 4:06:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 7:10:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 7:10:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 7:10:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-46

Project: Laguna

Collection Date: 3/22/2017 2:30:00 PM

Lab ID: 1703C19-038

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,1-Dichloroethane	130	10		µg/L	10	3/27/2017 1:16:00 PM	R41692
1,1-Dichloroethene	43	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 7:10:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 7:10:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Trichloroethene (TCE)	1.4	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 7:10:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 7:10:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	93.3	70-130		%Rec	1	3/24/2017 7:10:00 PM	R41658
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	3/24/2017 7:10:00 PM	R41658
Surr: Dibromofluoromethane	107	70-130		%Rec	1	3/24/2017 7:10:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-46

Project: Laguna

Collection Date: 3/22/2017 2:30:00 PM

Lab ID: 1703C19-038

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 7:10:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-48B

Project: Laguna

Collection Date: 3/22/2017 2:35:00 PM

Lab ID: 1703C19-039

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 4:39:00 AM	30905
Surr: Decachlorobiphenyl	77.6	26.1-140		%Rec	1	3/29/2017 4:39:00 AM	30905
Surr: Tetrachloro-m-xylene	104	15-123		%Rec	1	3/29/2017 4:39:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 7:33:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 7:33:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 7:33:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-48B

Project: Laguna

Collection Date: 3/22/2017 2:35:00 PM

Lab ID: 1703C19-039

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1-Dichloroethane	2.8	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 7:33:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 7:33:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 7:33:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 7:33:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	93.7	70-130		%Rec	1	3/24/2017 7:33:00 PM	R41658
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 7:33:00 PM	R41658
Surr: Dibromofluoromethane	104	70-130		%Rec	1	3/24/2017 7:33:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-48B

Project: Laguna

Collection Date: 3/22/2017 2:35:00 PM

Lab ID: 1703C19-039

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	101	70-130		%Rec	1	3/24/2017 7:33:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-47

Project: Laguna

Collection Date: 3/22/2017 2:50:00 PM

Lab ID: 1703C19-040

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 5:12:00 AM	30905
Surr: Decachlorobiphenyl	74.8	26.1-140		%Rec	1	3/29/2017 5:12:00 AM	30905
Surr: Tetrachloro-m-xylene	100	15-123		%Rec	1	3/29/2017 5:12:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2-Dichloroethane (EDC)	3.2	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 7:57:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 7:57:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 7:57:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
cis-1,2-DCE	3.8	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-47

Project: Laguna

Collection Date: 3/22/2017 2:50:00 PM

Lab ID: 1703C19-040

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,1-Dichloroethane	260	10		µg/L	10	3/27/2017 1:40:00 PM	R41692
1,1-Dichloroethene	59	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 7:57:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 7:57:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Trichloroethene (TCE)	1.1	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 7:57:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 7:57:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	94.0	70-130		%Rec	1	3/24/2017 7:57:00 PM	R41658
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/24/2017 7:57:00 PM	R41658
Surr: Dibromofluoromethane	108	70-130		%Rec	1	3/24/2017 7:57:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-47

Project: Laguna

Collection Date: 3/22/2017 2:50:00 PM

Lab ID: 1703C19-040

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 7:57:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-48

Project: Laguna

Collection Date: 3/22/2017 2:55:00 PM

Lab ID: 1703C19-041

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 5:45:00 AM	30905
Surr: Decachlorobiphenyl	90.8	26.1-140		%Rec	1	3/29/2017 5:45:00 AM	30905
Surr: Tetrachloro-m-xylene	126	15-123	S	%Rec	1	3/29/2017 5:45:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Toluene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Naphthalene	ND	2.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Acetone	ND	10		µg/L	1	3/24/2017 8:20:00 PM	R41658
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Bromoform	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Bromomethane	ND	3.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
2-Butanone	ND	10		µg/L	1	3/24/2017 8:20:00 PM	R41658
Carbon disulfide	ND	10		µg/L	1	3/24/2017 8:20:00 PM	R41658
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Chloroethane	ND	2.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Chloroform	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Chloromethane	ND	3.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-48

Project: Laguna

Collection Date: 3/22/2017 2:55:00 PM

Lab ID: 1703C19-041

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
2-Hexanone	ND	10		µg/L	1	3/24/2017 8:20:00 PM	R41658
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 8:20:00 PM	R41658
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Styrene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 8:20:00 PM	R41658
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 8:20:00 PM	R41658
Surr: 1,2-Dichloroethane-d4	96.1	70-130		%Rec	1	3/24/2017 8:20:00 PM	R41658
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/24/2017 8:20:00 PM	R41658
Surr: Dibromofluoromethane	106	70-130		%Rec	1	3/24/2017 8:20:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-48

Project: Laguna

Collection Date: 3/22/2017 2:55:00 PM

Lab ID: 1703C19-041

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Surr: Toluene-d8	103	70-130		%Rec	1	3/24/2017 8:20:00 PM	R41658

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-45

Project: Laguna

Collection Date: 3/22/2017 3:25:00 PM

Lab ID: 1703C19-042

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 6:51:00 AM	30905
Surr: Decachlorobiphenyl	78.4	26.1-140		%Rec	1	3/29/2017 6:51:00 AM	30905
Surr: Tetrachloro-m-xylene	105	15-123		%Rec	1	3/29/2017 6:51:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Benzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Toluene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Naphthalene	ND	2.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Acetone	ND	10		µg/L	1	3/24/2017 7:17:32 PM	R41652
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Bromoform	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Bromomethane	ND	3.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
2-Butanone	ND	10		µg/L	1	3/24/2017 7:17:32 PM	R41652
Carbon disulfide	ND	10		µg/L	1	3/24/2017 7:17:32 PM	R41652
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Chloroethane	ND	2.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Chloroform	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Chloromethane	ND	3.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-45

Project: Laguna

Collection Date: 3/22/2017 3:25:00 PM

Lab ID: 1703C19-042

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: DJF			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1-Dichloroethane	25	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1-Dichloroethene	62	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
2-Hexanone	ND	10		µg/L	1	3/24/2017 7:17:32 PM	R41652
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 7:17:32 PM	R41652
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Styrene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1,1-Trichloroethane	2.9	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 7:17:32 PM	R41652
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 7:17:32 PM	R41652
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	3/24/2017 7:17:32 PM	R41652
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	3/24/2017 7:17:32 PM	R41652
Surr: Dibromofluoromethane	112	70-130		%Rec	1	3/24/2017 7:17:32 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-45

Project: Laguna

Collection Date: 3/22/2017 3:25:00 PM

Lab ID: 1703C19-042

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Surr: Toluene-d8	101	70-130		%Rec	1	3/24/2017 7:17:32 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-49B

Project: Laguna

Collection Date: 3/22/2017 3:30:00 PM

Lab ID: 1703C19-043

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 7:24:00 AM	30905
Surr: Decachlorobiphenyl	89.6	26.1-140		%Rec	1	3/29/2017 7:24:00 AM	30905
Surr: Tetrachloro-m-xylene	119	15-123		%Rec	1	3/29/2017 7:24:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Benzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Toluene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Naphthalene	ND	2.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Acetone	ND	10		µg/L	1	3/24/2017 7:46:28 PM	R41652
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Bromoform	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Bromomethane	ND	3.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
2-Butanone	ND	10		µg/L	1	3/24/2017 7:46:28 PM	R41652
Carbon disulfide	ND	10		µg/L	1	3/24/2017 7:46:28 PM	R41652
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Chloroethane	ND	2.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Chloroform	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Chloromethane	ND	3.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-49B

Project: Laguna

Collection Date: 3/22/2017 3:30:00 PM

Lab ID: 1703C19-043

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: DJF			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1-Dichloroethane	12	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1-Dichloroethene	21	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
2-Hexanone	ND	10		µg/L	1	3/24/2017 7:46:28 PM	R41652
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 7:46:28 PM	R41652
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Styrene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Tetrachloroethene (PCE)	1.0	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1,1-Trichloroethane	2.1	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 7:46:28 PM	R41652
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 7:46:28 PM	R41652
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	3/24/2017 7:46:28 PM	R41652
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	3/24/2017 7:46:28 PM	R41652
Surr: Dibromofluoromethane	113	70-130		%Rec	1	3/24/2017 7:46:28 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032217-CM-6-49B

Project: Laguna

Collection Date: 3/22/2017 3:30:00 PM

Lab ID: 1703C19-043

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: DJF	
Surr: Toluene-d8	95.5	70-130		%Rec	1	3/24/2017 7:46:28 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-41

Project: Laguna

Collection Date: 3/23/2017 1:12:00 PM

Lab ID: 1703C19-044

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	15	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/31/2017 10:43:00 AM	30905
Surr: Decachlorobiphenyl	111	26.1-140		%Rec	1	3/31/2017 10:43:00 AM	30905
Surr: Tetrachloro-m-xylene	127	15-123	S	%Rec	1	3/31/2017 10:43:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Benzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Toluene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Naphthalene	ND	2.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Acetone	ND	10		µg/L	1	3/24/2017 8:15:05 PM	R41652
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Bromoform	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Bromomethane	ND	3.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
2-Butanone	ND	10		µg/L	1	3/24/2017 8:15:05 PM	R41652
Carbon disulfide	ND	10		µg/L	1	3/24/2017 8:15:05 PM	R41652
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Chloroethane	ND	2.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Chloroform	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Chloromethane	ND	3.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-41

Project: Laguna

Collection Date: 3/23/2017 1:12:00 PM

Lab ID: 1703C19-044

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: DJF			
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1-Dichloroethane	14	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1-Dichloroethene	4.9	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
2-Hexanone	ND	10		µg/L	1	3/24/2017 8:15:05 PM	R41652
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 8:15:05 PM	R41652
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Styrene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 8:15:05 PM	R41652
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 8:15:05 PM	R41652
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	3/24/2017 8:15:05 PM	R41652
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	3/24/2017 8:15:05 PM	R41652
Surr: Dibromofluoromethane	112	70-130		%Rec	1	3/24/2017 8:15:05 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1703C19**

Date Reported: **4/7/2017**

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-41

Project: Laguna

Collection Date: 3/23/2017 1:12:00 PM

Lab ID: 1703C19-044

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Surr: Toluene-d8	98.5	70-130		%Rec	1	3/24/2017 8:15:05 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-43

Project: Laguna

Collection Date: 3/23/2017 1:25:00 PM

Lab ID: 1703C19-045

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 8:30:00 AM	30905
Surr: Decachlorobiphenyl	76.8	26.1-140		%Rec	1	3/29/2017 8:30:00 AM	30905
Surr: Tetrachloro-m-xylene	101	15-123		%Rec	1	3/29/2017 8:30:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Benzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Toluene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Naphthalene	ND	2.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Acetone	ND	10		µg/L	1	3/24/2017 8:43:33 PM	R41652
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Bromoform	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Bromomethane	ND	3.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
2-Butanone	ND	10		µg/L	1	3/24/2017 8:43:33 PM	R41652
Carbon disulfide	ND	10		µg/L	1	3/24/2017 8:43:33 PM	R41652
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Chloroethane	ND	2.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Chloroform	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Chloromethane	ND	3.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-43

Project: Laguna

Collection Date: 3/23/2017 1:25:00 PM

Lab ID: 1703C19-045

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
2-Hexanone	ND	10		µg/L	1	3/24/2017 8:43:33 PM	R41652
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 8:43:33 PM	R41652
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Styrene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 8:43:33 PM	R41652
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 8:43:33 PM	R41652
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	3/24/2017 8:43:33 PM	R41652
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	3/24/2017 8:43:33 PM	R41652
Surr: Dibromofluoromethane	112	70-130		%Rec	1	3/24/2017 8:43:33 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-43

Project: Laguna

Collection Date: 3/23/2017 1:25:00 PM

Lab ID: 1703C19-045

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: DJF	
Surr: Toluene-d8	98.8	70-130		%Rec	1	3/24/2017 8:43:33 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-6

Project: Laguna

Collection Date: 3/23/2017 1:45:00 PM

Lab ID: 1703C19-046

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Aroclor 1221	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Aroclor 1232	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Aroclor 1242	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Aroclor 1248	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Aroclor 1254	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Aroclor 1260	ND	0.25		µg/L	1	3/29/2017 9:03:00 AM	30905
Surr: Decachlorobiphenyl	86.0	26.1-140		%Rec	1	3/29/2017 9:03:00 AM	30905
Surr: Tetrachloro-m-xylene	115	15-123		%Rec	1	3/29/2017 9:03:00 AM	30905
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Benzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Toluene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Ethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Naphthalene	ND	2.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
2-Methylnaphthalene	ND	4.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Acetone	ND	10		µg/L	1	3/24/2017 9:11:54 PM	R41652
Bromobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Bromodichloromethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Bromoform	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Bromomethane	ND	3.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
2-Butanone	ND	10		µg/L	1	3/24/2017 9:11:54 PM	R41652
Carbon disulfide	ND	10		µg/L	1	3/24/2017 9:11:54 PM	R41652
Carbon Tetrachloride	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Chlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Chloroethane	ND	2.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Chloroform	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Chloromethane	ND	3.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
2-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
4-Chlorotoluene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
cis-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Dibromochloromethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-6

Project: Laguna

Collection Date: 3/23/2017 1:45:00 PM

Lab ID: 1703C19-046

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: DJF
Dibromomethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1-Dichloroethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1-Dichloroethene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,3-Dichloropropane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
2,2-Dichloropropane	ND	2.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Hexachlorobutadiene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
2-Hexanone	ND	10		µg/L	1	3/24/2017 9:11:54 PM	R41652
Isopropylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
4-Isopropyltoluene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
4-Methyl-2-pentanone	ND	10		µg/L	1	3/24/2017 9:11:54 PM	R41652
Methylene Chloride	ND	3.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
n-Butylbenzene	ND	3.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
n-Propylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
sec-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Styrene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
tert-Butylbenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
trans-1,2-DCE	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Trichlorofluoromethane	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Vinyl chloride	ND	1.0		µg/L	1	3/24/2017 9:11:54 PM	R41652
Xylenes, Total	ND	1.5		µg/L	1	3/24/2017 9:11:54 PM	R41652
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	3/24/2017 9:11:54 PM	R41652
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	3/24/2017 9:11:54 PM	R41652
Surr: Dibromofluoromethane	113	70-130		%Rec	1	3/24/2017 9:11:54 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1703C19

Date Reported: 4/7/2017

CLIENT: GHD

Client Sample ID: GW-086241-032317-CN-6-6

Project: Laguna

Collection Date: 3/23/2017 1:45:00 PM

Lab ID: 1703C19-046

Matrix: AQUEOUS

Received Date: 3/23/2017 2:03:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: DJF	
Surr: Toluene-d8	102	70-130		%Rec	1	3/24/2017 9:11:54 PM	R41652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified



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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17031886-001
Client Sample ID: 1703C19-001A, GW-086241-032317-CM-6-13

Report Date: 03/29/17
Collection Date: 03/23/17 10:30
Date Received: 03/24/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.0063	mg/L		0.0010		SW8015M	03/28/17 10:29 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 10:29 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 10:29 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17031886-002
Client Sample ID: 1703C19-002A, GW-086241-032317-CM-6-21B

Report Date: 03/29/17
Collection Date: 03/23/17 11:15
Date Received: 03/24/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.0020	mg/L		0.0010		SW8015M	03/28/17 10:40 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 10:40 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 10:40 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Lab ID: B17031886-003

Client Sample ID: 1703C19-003A, GW-086241-032317-CM-6-21C

Report Date: 03/29/17

Collection Date: 03/23/17 11:23

Date Received: 03/24/17

Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	1.2	mg/L		0.0010		SW8015M	03/28/17 10:51 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 10:51 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 10:51 / jdw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17031886-004
Client Sample ID: 1703C19-004A, GW-086241-032317-CM-6-22B

Report Date: 03/29/17
Collection Date: 03/23/17 11:40
Date Received: 03/24/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	ND	mg/L		0.0010		SW8015M	03/28/17 11:28 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 11:28 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 11:28 / jdw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Lab ID: B17031886-005

Client Sample ID: 1703C19-005A, GW-086241-032317-CM-6-22C

Report Date: 03/29/17

Collection Date: 03/23/17 11:50

Date Received: 03/24/17

Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	1.2	mg/L		0.0010		SW8015M	03/28/17 11:40 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 11:40 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 11:40 / jdw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17031886-006
Client Sample ID: 1703C19-006A, GW-086241-032317-CM-6-40

Report Date: 03/29/17
Collection Date: 03/23/17 12:00
Date Received: 03/24/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	ND	mg/L		0.0010		SW8015M	03/28/17 11:52 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 11:52 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 11:52 / jdw

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17031886-007
Client Sample ID: 1703C19-007A, GW-086241-032317-CM-6-14

Report Date: 03/29/17
Collection Date: 03/23/17 12:10
Date Received: 03/24/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.56	mg/L		0.0010		SW8015M	03/28/17 12:02 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	03/28/17 12:02 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	03/28/17 12:02 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 03/29/17

Work Order: B17031886

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015M							Analytical Run: R277072		
Lab ID: CCV	Continuing Calibration Verification Standard							03/28/17 09:36	
Methane	990	ppm	2.0	99	85	115			
Ethane	900	ppm	2.0	90	85	115			
Ethene	940	ppm	2.0	94	85	115			
Lab ID: CCV	Continuing Calibration Verification Standard							03/28/17 12:14	
Methane	970	ppm	2.0	97	85	115			
Ethane	870	ppm	2.0	87	85	115			
Ethene	920	ppm	2.0	92	85	115			
Method: SW8015M							Batch: R277072		
Lab ID: LCS	Laboratory Control Sample				Run: FID-HEADSPACE_170328A		03/28/17 09:41		
Methane	100	ppm	2.0	100	85	115			
Ethane	89	ppm	2.0	89	85	115			
Ethene	91	ppm	2.0	91	85	115			
Lab ID: MBLK	Method Blank				Run: FID-HEADSPACE_170328A		03/28/17 10:08		
Methane	ND	mg/L	0.0010						
Ethane	ND	mg/L	0.0010						
Ethene	ND	mg/L	0.0010						
Lab ID: B17031886-003ADUP	Sample Duplicate				Run: FID-HEADSPACE_170328A		03/28/17 11:07		
Methane	1.13	mg/L	0.0010				5.2	20	
Ethane	ND	mg/L	0.0010					20	
Ethene	ND	mg/L	0.0010					20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	MB-30904	SampType: MBLK		TestCode: EPA Method 8082: PCB's						
Client ID:	PBW	Batch ID: 30904		RunNo: 41690						
Prep Date:	3/27/2017	Analysis Date: 3/28/2017		SeqNo: 1307948		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.25								
Aroclor 1221	ND	0.25								
Aroclor 1232	ND	0.25								
Aroclor 1242	ND	0.25								
Aroclor 1248	ND	0.25								
Aroclor 1254	ND	0.25								
Aroclor 1260	ND	0.25								
Surr: Decachlorobiphenyl	2.2		2.500		88.8	26.1	140			
Surr: Tetrachloro-m-xylene	2.5		2.500		101	15	123			

Sample ID	LCS-30904		SampType: LCS		TestCode: EPA Method 8082: PCB's					
Client ID:	LCSW		Batch ID: 30904		RunNo: 41690					
Prep Date:	3/27/2017		Analysis Date: 3/28/2017		SeqNo: 1307958		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.0	0.25	5.000	0	60.8	34.2	145			
Aroclor 1260	3.4	0.25	5.000	0	67.8	37.1	148			
Surr: Decachlorobiphenyl	2.0		2.500		79.2	26.1	140			
Surr: Tetrachloro-m-xylene	2.2		2.500		89.2	15	123			

Sample ID	MB-30905	SampType: MBLK		TestCode: EPA Method 8082: PCB's						
Client ID:	PBW	Batch ID: 30905		RunNo: 41690						
Prep Date:	3/27/2017	Analysis Date: 3/28/2017		SeqNo: 1307959		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.25								
Aroclor 1221	ND	0.25								
Aroclor 1232	ND	0.25								
Aroclor 1242	ND	0.25								
Aroclor 1248	ND	0.25								
Aroclor 1254	ND	0.25								
Aroclor 1260	ND	0.25								
Surr: Decachlorobiphenyl	2.0		2.500		81.6	26.1	140			
Surr: Tetrachloro-m-xylene	2.4		2.500		94.8	15	123			

Sample ID	LCS-30905		SampType: LCS		TestCode: EPA Method 8082: PCB's					
Client ID:	LCSW		Batch ID: 30905		RunNo: 41690					
Prep Date:	3/27/2017		Analysis Date: 3/28/2017		SeqNo: 1307960		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
R RPD outside accepted recovery limits	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	LCS-30905		SampType: LCS		TestCode: EPA Method 8082: PCB's					
Client ID:	LCSW		Batch ID: 30905		RunNo: 41690					
Prep Date:	3/27/2017		Analysis Date: 3/28/2017		SeqNo: 1307960		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.1	0.25	5.000	0	61.0	34.2	145			
Aroclor 1260	3.4	0.25	5.000	0	69.0	37.1	148			
Surr: Decachlorobiphenyl	2.0		2.500		81.6	26.1	140			
Surr: Tetrachloro-m-xylene	2.4		2.500		94.8	15	123			

Sample ID	1703C19-008BMS	SampType:	MS	TestCode:	EPA Method 8082: PCB's					
Client ID:	GW-086241-032317-	Batch ID:	30904	RunNo:	41690					
Prep Date:	3/27/2017	Analysis Date:	3/28/2017	SeqNo:	1309026	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.9	0.25	5.000	0	77.6	15	96.7			
Aroclor 1260	3.8	0.25	5.000	0	76.6	19.5	132			
Surr: Decachlorobiphenyl	2.0		2.500		79.6	26.1	140			
Surr: Tetrachloro-m-xylene	2.6		2.500		106	15	123			

Sample ID	1703C19-008BMSD	SampType:	MSD		TestCode:	EPA Method 8082: PCB's				
Client ID:	GW-086241-032317-	Batch ID:	30904		RunNo:	41690				
Prep Date:	3/27/2017	Analysis Date:	3/28/2017		SeqNo:	1309027		Units:	µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	4.1	0.25	5.000	0	82.0	15	96.7	5.51	25	
Aroclor 1260	4.2	0.25	5.000	0	84.2	19.5	132	9.45	23.5	
Surr: Decachlorobiphenyl	2.1		2.500		83.6	26.1	140	0	0	
Surr: Tetrachloro-m-xylene	2.9		2.500		115	15	123	0	0	

Sample ID	1703C19-030BMS	SampType:	MS	TestCode:	EPA Method 8082: PCB's					
Client ID:	GW-086241-032317-	Batch ID:	30905	RunNo:	41690					
Prep Date:	3/27/2017	Analysis Date:	3/28/2017	SeqNo:	1309040	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	4.0	0.25	5.000	0	79.6	15	96.7			
Aroclor 1260	4.0	0.25	5.000	0	79.4	19.5	132			
Surr: Decachlorobiphenyl	2.0		2.500		82.0	26.1	140			
Surr: Tetrachloro-m-xylene	2.7		2.500		108	15	123			

Sample ID	1703C19-030BMSD		SampType:	MSD		TestCode:	EPA Method 8082: PCB's				
Client ID:	GW-086241-032317-		Batch ID:	30905		RunNo:	41690				
Prep Date:	3/27/2017		Analysis Date:	3/28/2017		SeqNo:	1309041		Units: µg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	1703C19-030BMSD	SampType:	MSD	TestCode:	EPA Method 8082: PCB's					
Client ID:	GW-086241-032317-	Batch ID:	30905	RunNo:	41690					
Prep Date:	3/27/2017	Analysis Date:	3/28/2017	SeqNo:	1309041	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.3	0.25	5.000	0	66.4	15	96.7	18.1	25	
Aroclor 1260	3.6	0.25	5.000	0	72.2	19.5	132	9.50	23.5	
Surr: Decachlorobiphenyl	1.9		2.500		76.4	26.1	140	0	0	
Surr: Tetrachloro-m-xylene	2.4		2.500		96.8	15	123	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	R41652	RunNo:	41652					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306625	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	R41652	RunNo:	41652					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306625	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130			
Surr: 4-Bromofluorobenzene	8.8		10.00		88.0	70	130			
Surr: Dibromofluoromethane	11		10.00		114	70	130			
Surr: Toluene-d8	9.8		10.00		98.1	70	130			

Sample ID	100ng lcs	SampType:	LCS	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	LCSW	Batch ID:	R41652	RunNo:	41652					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306626	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	24	1.0	20.00	0	119	70	130			
Toluene	21	1.0	20.00	0	105	70	130			
Chlorobenzene	20	1.0	20.00	0	99.0	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID 100ng lcs	SampType: LCS				TestCode: EPA Method 8260B: VOLATILES					
Client ID: LCSW	Batch ID: R41652				RunNo: 41652					
Prep Date:	Analysis Date: 3/24/2017				SeqNo: 1306626	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	23	1.0	20.00	0	114	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		93.6	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.9		10.00		99.0	70	130			

Sample ID 100ng lcs	SampType: LCS				TestCode: EPA Method 8260B: VOLATILES					
Client ID: LCSW	Batch ID: R41654				RunNo: 41654					
Prep Date:	Analysis Date: 3/24/2017				SeqNo: 1306680	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.0	70	130			
Toluene	19	1.0	20.00	0	93.7	70	130			
Chlorobenzene	19	1.0	20.00	0	94.4	70	130			
1,1-Dichloroethene	20	1.0	20.00	0	102	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	88.2	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.8	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		99.9	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID rb	SampType: MBLK				TestCode: EPA Method 8260B: VOLATILES					
Client ID: PBW	Batch ID: R41654				RunNo: 41654					
Prep Date:	Analysis Date: 3/24/2017				SeqNo: 1306681	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
R RPD outside accepted recovery limits	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	R41654	RunNo:	41654					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306681	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID rb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R41654			RunNo: 41654						
Prep Date:	Analysis Date: 3/24/2017			SeqNo: 1306681		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.1	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		109	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.5		10.00		95.4	70	130			

Sample ID 100ng lcs	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES						
Client ID: LCSW	Batch ID: R41658			RunNo: 41658						
Prep Date:	Analysis Date: 3/24/2017			SeqNo: 1306953		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	97.9	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	105	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	98.0	70	130			
Surr: 1,2-Dichloroethane-d4	8.8		10.00		88.3	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		103	70	130			

Sample ID rb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R41658			RunNo: 41658						
Prep Date:	Analysis Date: 3/24/2017			SeqNo: 1306954		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
R RPD outside accepted recovery limits	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: R41658			RunNo: 41658					
Prep Date:		Analysis Date: 3/24/2017			SeqNo: 1306954	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	R41658	RunNo:	41658					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306954	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.9		10.00		88.6	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	A41686	RunNo:	41686					
Prep Date:		Analysis Date:	3/27/2017	SeqNo:	1307872	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	A41686	RunNo:	41686					
Prep Date:		Analysis Date:	3/27/2017	SeqNo:	1307872	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	rb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: A41686			RunNo: 41686					
Prep Date:		Analysis Date: 3/27/2017			SeqNo: 1307872	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	9.6		10.00		96.3	70	130			

Sample ID	100ng lcs	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	LCSW	Batch ID: A41686			RunNo: 41686					
Prep Date:		Analysis Date: 3/27/2017			SeqNo: 1307874	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.4	70	130			
Toluene	18	1.0	20.00	0	89.7	70	130			
Chlorobenzene	18	1.0	20.00	0	90.6	70	130			
1,1-Dichloroethene	20	1.0	20.00	0	100	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	83.8	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		110	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID 100ng lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: A41686		RunNo: 41686							
Prep Date:	Analysis Date: 3/27/2017		SeqNo: 1307874		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Toluene-d8	9.7		10.00		97.2	70	130			

Sample ID rb	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R41692		RunNo: 41692							
Prep Date:	Analysis Date: 3/27/2017		SeqNo: 1308248		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloroform	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.0	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID 100ng lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: R41692		RunNo: 41692							
Prep Date:	Analysis Date: 3/27/2017		SeqNo: 1308249		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	23	1.0	20.00	0	113	70	130			
Surr: 1,2-Dichloroethane-d4	9.3		10.00		92.8	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID 1703c19-022ams	SampType: MS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: GW-086241-032317-	Batch ID: A41686		RunNo: 41686							
Prep Date:	Analysis Date: 3/27/2017		SeqNo: 1308541		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	19	1.0	20.00	0	96.9	70	130			
Chlorobenzene	19	1.0	20.00	0	93.2	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	105	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	87.7	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.3	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	9.6		10.00		95.6	70	130			
Surr: Toluene-d8	9.6		10.00		96.3	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	1703c19-022amsd	SampType:	MSD		TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	GW-086241-032317-	Batch ID:	A41686		RunNo:	41686					
Prep Date:		Analysis Date:	3/27/2017		SeqNo:	1308542		Units:	µg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	19	1.0	20.00	0	93.4	70	130	7.90	20		
Toluene	18	1.0	20.00	0	90.3	70	130	7.07	20		
Chlorobenzene	18	1.0	20.00	0	90.1	70	130	3.31	20		
1,1-Dichloroethene	19	1.0	20.00	0	97.3	70	130	7.15	20		
Trichloroethene (TCE)	16	1.0	20.00	0	81.5	70	130	7.29	20		
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.4	70	130	0	0		
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130	0	0		
Surr: Dibromofluoromethane	9.2		10.00		92.3	70	130	0	0		
Surr: Toluene-d8	9.3		10.00		92.9	70	130	0	0		

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1703C19

07-Apr-17

Client: GHD
Project: Laguna

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 9060 TOC					
Client ID:	PBW	Batch ID:	R41651	RunNo:	41651					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306578	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	1.0								

Sample ID	LCS ST9060-16016/	SampType:	LCS	TestCode:	EPA Method 9060 TOC					
Client ID:	LCSW	Batch ID:	R41651	RunNo:	41651					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306579	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	4.6	1.0	4.850	0	95.5	90	110			

Sample ID	LCSD ST9060-16016	SampType:	LCSD	TestCode:	EPA Method 9060 TOC					
Client ID:	LCSS02	Batch ID:	R41651	RunNo:	41651					
Prep Date:		Analysis Date:	3/24/2017	SeqNo:	1306580	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	4.7	1.0	4.850	0	97.3	90	110	1.88	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1703C19

RcptNo: 1

Received by/date:

Logged By: Lindsay Mangin

3/23/2017 2:03:00 PM

Completed By: Lindsay Mangin

3/23/2017 2:15:45 PM

Reviewed By:

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

Collar 1 arrived @ 14:03 and cooler 2 arrived @ 15:07. Client wants both to be on the same report.

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.8	Good	Not Present			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1703C19

RcptNo: 1

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
2	4.9	Good	Not Present			

Chain-of-Custody Record				
Client: <u>SHD Services</u>				
Mailing Address: <u>612 Indian School #200</u> <u>Albuquerque, NM 87110</u> Phone #: <u>505-284-0672</u> email or Fax#: <u>bernard.backisch@qghd.com</u>				
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation) Accreditation ☐ NELAP ☐ Other _____ ☐ EDD (Type) _____				
Date	Time	Matrix	Sample Request ID	
12/17	1542	H ₂ O	6W-086241-032317-LM-6-17	
12/17	1555	H ₂ O	6W-086241-032317-LM-6-28	
12/17	0845	H ₂ O	6W-086241-032317-LM-6-33	
12/17	0850	H ₂ O	6W-086241-032317-LM-6-16	
12/17	0905	H ₂ O	6W-086241-032317-LM-6-38	
12/17	0910	H ₂ O	6W-086241-032317-LM-6-34	
12/17	0925	H ₂ O	6W-086241-032317-LM-6-34	
12/17	0935	H ₂ O	6W-086241-032317-LM-6-37	
12/17	0945	H ₂ O	6W-086241-032317-LM-6-19	
12/17	—	H ₂ O	6W-086241-032317-LM-DWP	
12/17	0950	H ₂ O	6W-086241-032317-LM-6-44	
12/17	1000	H ₂ O	6W-086241-032317-LM-6-36	
Date:	Time:	Relinquished by: <u>[Signature]</u>		
12/17	1507	Relinquished by: <u>[Signature]</u>		

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Laguna

Project #: 086241

Project Manager: Bernard Backisch

Sampler: C. Mathews C. Neligh

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.90C

HEAL No.
1703C19
-020
-021
-022
-023
-024
-025
-026
-027
-028
-029
-030
-031

Received by: [Signature]

Date: 3/23/17

Time: 1507

Chain-of-Custody Record				
Client: <u>SHD Services</u>				
Mailing Address: <u>612 Indian School #200</u> <u>Albuquerque, NM 87110</u> Phone #: <u>505-864-0672</u> email or Fax#: <u>bernard.backisch@qghd.com</u>				
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation) Accreditation ☐ NELAP ☐ Other _____ ☐ EDD (Type) _____				
Date	Time	Matrix	Sample Request ID	HEAL No.
12/17	1542	H ₂ O	6W-086241-032217-LM-6-17	1703C19
12/17	1555	H ₂ O	6W-086241-032217-LM-6-28	-020
12/17	0845	H ₂ O	6W-086241-032317-LM-6-33	-021
12/17	0850	H ₂ O	6W-086241-032317-LM-6-16	-022
12/17	0905	H ₂ O	6W-086241-032317-LM-6-38	-023
12/17	0910	H ₂ O	6W-086241-032317-LM-6-34	-024
12/17	0925	H ₂ O	6W-086241-032317-LM-6-34	-025
12/17	0935	H ₂ O	6W-086241-032317-LM-6-37	-026
12/17	0945	H ₂ O	6W-086241-032317-LM-6-19	-027
12/17	—	H ₂ O	6W-086241-032317-LM-DWP	-028
12/17	0950	H ₂ O	6W-086241-032317-LM-6-44	-029
12/17	1000	H ₂ O	6W-086241-032317-LM-6-36	-030
Date:	Time:	Relinquished by:		Date
12/17	1507	Bernard Backisch		3/23/17 1507
Date:	Time:	Relinquished by:		Date

☒ Standard ☐ Rush _____

Project #: Laguna 086241

080291	Project Manager:	Bernard Backish
	Sampler:	C. Matthews C. Neligh
	On Ice:	☒ Yes ☐ No
	Sample Temperature:	4.90C

Project Manager:	Bernard Backisch
Sampler:	C. Matthews C. Neligh
On Ice:	☒ Yes ☐ No
Sample Temperature:	4.90C

Container Type and #	Preservative Type	HEAL No.
5	HA \$ nys	1703019
5	HA \$ nys	-020
4	HA \$ nys	-021
5	HA \$ nys	-022
5	HA \$ nys	-023
5	HA \$ nys	-024
5	HA \$ nys	-025
5	HA \$ nys	-026
5	HA \$ nys	-027
5	HA \$ nys	-028
5	HA \$ nys	-029
5	HA \$ nys	-030
5	HA \$ nys	-031

Received by:	Date	Time
<i>[Signature]</i>	3/23/17	1507
Received by:	Date	Time

Remarks:	
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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

Chain-of-Custody Record									
Client: <u>6HD Services</u>									
Mailing Address: <u>6121 Indian School #200</u> <u>Albuquerque, NM 87110</u> Phone #: <u>505-884-0672</u> email or Fax#: <u>bernard.bockisch@ghd.com</u>									
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation) Accreditation ☐ NELAP ☐ Other _____ ☐ EDD (Type) _____									
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.			
12/21/17	0950	H ₂ O	6W-086241-032217-CN-6-15	5	HCl # none	1703C19			
12/21/17	1010	H ₂ O	6W-086241-032217-CN-6-12	5	A	-032			
12/21/17	1050	H ₂ O	6W-086241-032217-CN-6-14	5		-033			
12/21/17	1146	H ₂ O	6W-086241-032217-CN-6-18	5		-034			
12/21/17	1340	H ₂ O	6W-086241-032217-CN-6-08	5		-035			
12/21/17	1410	H ₂ O	6W-086241-032217-CN-6-06	5		-036			
12/21/17	1420	H ₂ O	6W-086241-032217-CN-6-46	5		-037			
12/21/17	1435	H ₂ O	6W-086241-032217-CN-6-48B	5		-038			
12/21/17	1450	H ₂ O	6W-086241-032217-CN-6-47	5		-039			
12/21/17	1455	H ₂ O	6W-086241-032217-CN-6-46	4		-040			
12/21/17	1525	H ₂ O	6W-086241-032217-CN-6-45	5		-041			
12/21/17	1530	H ₂ O	6W-086241-032217-CN-6-48B	4		-042			
Received by: <u>Bernard Bockisch</u> Date: <u>3/23/17</u> Time: <u>1507</u>									

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks:

Please include dissolved gases results (submitted under separate chain) with this report. Thanks

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any subcontracted data will be clearly noticed on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 21, 2017

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Laguna No 6

OrderNo.: 1706314

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 10 sample(s) on 6/6/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-40

Project: Laguna No 6

Collection Date: 6/6/2017 9:25:00 AM

Lab ID: 1706314-001

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	15	1.0		mg/L	1	6/8/2017 3:23:40 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	28	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Aroclor 1221	ND	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Aroclor 1232	ND	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Aroclor 1242	ND	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Aroclor 1248	ND	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Aroclor 1254	ND	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Aroclor 1260	ND	1.0		µg/L	1	6/14/2017 7:05:00 AM	32149
Surr: Decachlorobiphenyl	113	50.4-123		%Rec	1	6/14/2017 7:05:00 AM	32149
Surr: Tetrachloro-m-xylene	129	41.2-147		%Rec	1	6/14/2017 7:05:00 AM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 2:20:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 2:20:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 2:20:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-40

Project: Laguna No 6

Collection Date: 6/6/2017 9:25:00 AM

Lab ID: 1706314-001

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1-Dichloroethane	51	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1-Dichloroethene	19	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 2:20:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 2:20:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 2:20:00 PM	R43337
Xylenes, Total	ND	1.5		µg/L	1	6/7/2017 2:20:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-40

Project: Laguna No 6

Collection Date: 6/6/2017 9:25:00 AM

Lab ID: 1706314-001

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	99.8	70-130		%Rec	1	6/7/2017 2:20:00 PM	R43337
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/7/2017 2:20:00 PM	R43337
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/7/2017 2:20:00 PM	R43337
Surr: Toluene-d8	99.3	70-130		%Rec	1	6/7/2017 2:20:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-14

Project: Laguna No 6

Collection Date: 6/6/2017 9:55:00 AM

Lab ID: 1706314-002

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	12	1.0		mg/L	1	6/8/2017 3:40:55 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	7.1	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Aroclor 1221	ND	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Aroclor 1232	ND	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Aroclor 1242	ND	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Aroclor 1248	ND	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Aroclor 1254	ND	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Aroclor 1260	ND	1.0		µg/L	1	6/14/2017 7:38:00 AM	32149
Surr: Decachlorobiphenyl	112	50.4-123		%Rec	1	6/14/2017 7:38:00 AM	32149
Surr: Tetrachloro-m-xylene	129	41.2-147		%Rec	1	6/14/2017 7:38:00 AM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 3:32:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 3:32:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 3:32:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-14

Project: Laguna No 6

Collection Date: 6/6/2017 9:55:00 AM

Lab ID: 1706314-002

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1-Dichloroethane	18	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1-Dichloroethene	7.1	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 3:32:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 3:32:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1,1-Trichloroethane	1.1	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 3:32:00 PM	R43337
Xylenes, Total	ND	1.5		µg/L	1	6/7/2017 3:32:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-14

Project: Laguna No 6

Collection Date: 6/6/2017 9:55:00 AM

Lab ID: 1706314-002

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	98.7	70-130		%Rec	1	6/7/2017 3:32:00 PM	R43337
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/7/2017 3:32:00 PM	R43337
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/7/2017 3:32:00 PM	R43337
Surr: Toluene-d8	99.6	70-130		%Rec	1	6/7/2017 3:32:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-13

Project: Laguna No 6

Collection Date: 6/6/2017 10:25:00 AM

Lab ID: 1706314-003

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	46	1.0		mg/L	1	6/8/2017 4:06:10 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Aroclor 1221	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Aroclor 1232	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Aroclor 1242	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Aroclor 1248	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Aroclor 1254	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Aroclor 1260	ND	1.0		µg/L	1	6/9/2017 3:18:00 PM	32149
Surr: Decachlorobiphenyl	114	50.4-123		%Rec	1	6/9/2017 3:18:00 PM	32149
Surr: Tetrachloro-m-xylene	134	41.2-147		%Rec	1	6/9/2017 3:18:00 PM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.3	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2-Dichloroethane (EDC)	1.3	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Acetone	23	10		µg/L	1	6/7/2017 3:57:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 3:57:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 3:57:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-13

Project: Laguna No 6

Collection Date: 6/6/2017 10:25:00 AM

Lab ID: 1706314-003

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1-Dichloroethane	12	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1-Dichloroethene	11	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 3:57:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 3:57:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 3:57:00 PM	R43337
Xylenes, Total	1.7	1.5		µg/L	1	6/7/2017 3:57:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-13

Project: Laguna No 6

Collection Date: 6/6/2017 10:25:00 AM

Lab ID: 1706314-003

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	99.1	70-130		%Rec	1	6/7/2017 3:57:00 PM	R43337
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/7/2017 3:57:00 PM	R43337
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/7/2017 3:57:00 PM	R43337
Surr: Toluene-d8	101	70-130		%Rec	1	6/7/2017 3:57:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-21B

Project: Laguna No 6

Collection Date: 6/6/2017 10:55:00 AM

Lab ID: 1706314-004

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	20	1.0		mg/L	1	6/8/2017 4:24:34 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Aroclor 1221	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Aroclor 1232	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Aroclor 1242	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Aroclor 1248	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Aroclor 1254	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Aroclor 1260	ND	1.0		µg/L	1	6/9/2017 3:51:00 PM	32149
Surr: Decachlorobiphenyl	106	50.4-123		%Rec	1	6/9/2017 3:51:00 PM	32149
Surr: Tetrachloro-m-xylene	121	41.2-147		%Rec	1	6/9/2017 3:51:00 PM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.3	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 4:21:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 4:21:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 4:21:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-21B

Project: Laguna No 6

Collection Date: 6/6/2017 10:55:00 AM

Lab ID: 1706314-004

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: RAA			
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1-Dichloroethane	74	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1-Dichloroethene	21	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 4:21:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 4:21:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 4:21:00 PM	R43337
Xylenes, Total	ND	1.5		µg/L	1	6/7/2017 4:21:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-21B

Project: Laguna No 6

Collection Date: 6/6/2017 10:55:00 AM

Lab ID: 1706314-004

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/7/2017 4:21:00 PM	R43337
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/7/2017 4:21:00 PM	R43337
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/7/2017 4:21:00 PM	R43337
Surr: Toluene-d8	99.7	70-130		%Rec	1	6/7/2017 4:21:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-21C

Project: Laguna No 6

Collection Date: 6/6/2017 11:20:00 AM

Lab ID: 1706314-005

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	17	1.0		mg/L	1	6/8/2017 4:42:26 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	150	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Aroclor 1221	ND	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Aroclor 1232	ND	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Aroclor 1242	ND	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Aroclor 1248	ND	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Aroclor 1254	ND	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Aroclor 1260	ND	10	D	µg/L	10	6/14/2017 8:13:00 AM	32149
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	10	6/14/2017 8:13:00 AM	32149
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	10	6/14/2017 8:13:00 AM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.0	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Toluene	1.2	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Ethylbenzene	2.2	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2,4-Trimethylbenzene	5.0	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 4:44:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 4:44:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 4:44:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Chloroethane	3.4	2.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-21C

Project: Laguna No 6

Collection Date: 6/6/2017 11:20:00 AM

Lab ID: 1706314-005

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1-Dichloroethane	82	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1-Dichloroethene	56	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 4:44:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 4:44:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
n-Propylbenzene	1.0	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Vinyl chloride	1.7	1.0		µg/L	1	6/7/2017 4:44:00 PM	R43337
Xylenes, Total	6.7	1.5		µg/L	1	6/7/2017 4:44:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-21C

Project: Laguna No 6

Collection Date: 6/6/2017 11:20:00 AM

Lab ID: 1706314-005

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	97.7	70-130		%Rec	1	6/7/2017 4:44:00 PM	R43337
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/7/2017 4:44:00 PM	R43337
Surr: Dibromofluoromethane	105	70-130		%Rec	1	6/7/2017 4:44:00 PM	R43337
Surr: Toluene-d8	98.9	70-130		%Rec	1	6/7/2017 4:44:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-22B

Project: Laguna No 6

Collection Date: 6/6/2017 11:55:00 AM

Lab ID: 1706314-006

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	24	1.0		mg/L	1	6/8/2017 5:50:36 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	4.0	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Aroclor 1221	ND	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Aroclor 1232	ND	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Aroclor 1242	ND	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Aroclor 1248	ND	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Aroclor 1254	ND	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Aroclor 1260	ND	1.0		µg/L	1	6/14/2017 8:46:00 AM	32149
Surr: Decachlorobiphenyl	116	50.4-123		%Rec	1	6/14/2017 8:46:00 AM	32149
Surr: Tetrachloro-m-xylene	115	41.2-147		%Rec	1	6/14/2017 8:46:00 AM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	6.8	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 5:08:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 5:08:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 5:08:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-22B

Project: Laguna No 6

Collection Date: 6/6/2017 11:55:00 AM

Lab ID: 1706314-006

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1-Dichloroethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1-Dichloroethene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 5:08:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 5:08:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 5:08:00 PM	R43337
Xylenes, Total	ND	1.5		µg/L	1	6/7/2017 5:08:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-22B

Project: Laguna No 6

Collection Date: 6/6/2017 11:55:00 AM

Lab ID: 1706314-006

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	99.7	70-130		%Rec	1	6/7/2017 5:08:00 PM	R43337
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/7/2017 5:08:00 PM	R43337
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/7/2017 5:08:00 PM	R43337
Surr: Toluene-d8	101	70-130		%Rec	1	6/7/2017 5:08:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-22C

Project: Laguna No 6

Collection Date: 6/6/2017 12:30:00 PM

Lab ID: 1706314-007

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	17	1.0		mg/L	1	6/8/2017 6:08:12 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	970	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Aroclor 1221	ND	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Aroclor 1232	ND	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Aroclor 1242	ND	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Aroclor 1248	ND	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Aroclor 1254	ND	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Aroclor 1260	ND	20	D	µg/L	20	6/14/2017 10:25:00 AM	32149
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	20	6/14/2017 10:25:00 AM	32149
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	20	6/14/2017 10:25:00 AM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.9	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Ethylbenzene	6.3	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2,4-Trimethylbenzene	22	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Naphthalene	6.0	2.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1-Methylnaphthalene	8.7	4.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
2-Methylnaphthalene	9.2	4.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 5:32:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 5:32:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 5:32:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-22C

Project: Laguna No 6

Collection Date: 6/6/2017 12:30:00 PM

Lab ID: 1706314-007

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1-Dichloroethane	52	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1-Dichloroethene	28	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 5:32:00 PM	R43337
Isopropylbenzene	1.9	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 5:32:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
n-Propylbenzene	2.9	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1,1-Trichloroethane	2.1	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Vinyl chloride	1.0	1.0		µg/L	1	6/7/2017 5:32:00 PM	R43337
Xylenes, Total	24	1.5		µg/L	1	6/7/2017 5:32:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-22C

Project: Laguna No 6

Collection Date: 6/6/2017 12:30:00 PM

Lab ID: 1706314-007

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	94.8	70-130		%Rec	1	6/7/2017 5:32:00 PM	R43337
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/7/2017 5:32:00 PM	R43337
Surr: Dibromofluoromethane	104	70-130		%Rec	1	6/7/2017 5:32:00 PM	R43337
Surr: Toluene-d8	102	70-130		%Rec	1	6/7/2017 5:32:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-9

Project: Laguna No 6

Collection Date: 6/6/2017 12:55:00 PM

Lab ID: 1706314-008

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC							Analyst: MAB
Organic Carbon, Total	630	1.0		mg/L	1	6/8/2017 6:33:44 PM	R43364
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	290	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Aroclor 1221	ND	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Aroclor 1232	ND	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Aroclor 1242	ND	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Aroclor 1248	ND	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Aroclor 1254	ND	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Aroclor 1260	ND	10	D	µg/L	10	6/14/2017 10:58:00 AM	32149
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	10	6/14/2017 10:58:00 AM	32149
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	10	6/14/2017 10:58:00 AM	32149
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.3	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2,4-Trimethylbenzene	1.2	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Acetone	120	10		µg/L	1	6/7/2017 5:56:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
2-Butanone	350	100		µg/L	10	6/8/2017 6:02:00 PM	R43347
Carbon disulfide	ND	10		µg/L	1	6/7/2017 5:56:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Chloroethane	2.6	2.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-9

Project: Laguna No 6

Collection Date: 6/6/2017 12:55:00 PM

Lab ID: 1706314-008

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: RAA			
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1-Dichloroethane	34	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1-Dichloroethene	15	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 5:56:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 5:56:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 5:56:00 PM	R43337
Xylenes, Total	1.6	1.5		µg/L	1	6/7/2017 5:56:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-6-9

Project: Laguna No 6

Collection Date: 6/6/2017 12:55:00 PM

Lab ID: 1706314-008

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	93.1	70-130		%Rec	1	6/7/2017 5:56:00 PM	R43337
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/7/2017 5:56:00 PM	R43337
Surr: Dibromofluoromethane	101	70-130		%Rec	1	6/7/2017 5:56:00 PM	R43337
Surr: Toluene-d8	101	70-130		%Rec	1	6/7/2017 5:56:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-Dup

Project: Laguna No 6

Collection Date: 6/6/2017

Lab ID: 1706314-009

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.4	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2,4-Trimethylbenzene	1.2	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Acetone	120	10		µg/L	1	6/7/2017 6:20:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
2-Butanone	340	100		µg/L	10	6/8/2017 6:26:00 PM	R43347
Carbon disulfide	ND	10		µg/L	1	6/7/2017 6:20:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Chloroethane	2.7	2.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,1-Dichloroethane	34	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,1-Dichloroethene	15	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 6:20:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: 086241-060617-CM-Dup

Project: Laguna No 6

Collection Date: 6/6/2017

Lab ID: 1706314-009

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 6:20:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 6:20:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 6:20:00 PM	R43337
Xylenes, Total	1.6	1.5		µg/L	1	6/7/2017 6:20:00 PM	R43337
Surr: 1,2-Dichloroethane-d4	91.3	70-130		%Rec	1	6/7/2017 6:20:00 PM	R43337
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/7/2017 6:20:00 PM	R43337
Surr: Dibromofluoromethane	103	70-130		%Rec	1	6/7/2017 6:20:00 PM	R43337
Surr: Toluene-d8	101	70-130		%Rec	1	6/7/2017 6:20:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: TB-086241-060617-CM-001

Project: Laguna No 6

Collection Date: 6/6/2017 1:45:00 PM

Lab ID: 1706314-010

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Toluene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Ethylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Naphthalene	ND	2.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
2-Methylnaphthalene	ND	4.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Acetone	ND	10		µg/L	1	6/7/2017 6:43:00 PM	R43337
Bromobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Bromodichloromethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Bromoform	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Bromomethane	ND	3.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
2-Butanone	ND	10		µg/L	1	6/7/2017 6:43:00 PM	R43337
Carbon disulfide	ND	10		µg/L	1	6/7/2017 6:43:00 PM	R43337
Carbon Tetrachloride	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Chlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Chloroethane	ND	2.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Chloroform	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Chloromethane	ND	3.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
2-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
4-Chlorotoluene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
cis-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Dibromochloromethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Dibromomethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,1-Dichloroethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,1-Dichloroethene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,3-Dichloropropane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
2,2-Dichloropropane	ND	2.0		µg/L	1	6/7/2017 6:43:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1706314

Date Reported: 6/21/2017

CLIENT: GHD

Client Sample ID: TB-086241-060617-CM-001

Project: Laguna No 6

Collection Date: 6/6/2017 1:45:00 PM

Lab ID: 1706314-010

Matrix: AQUEOUS

Received Date: 6/6/2017 3:20:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: RAA			
1,1-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Hexachlorobutadiene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
2-Hexanone	ND	10		µg/L	1	6/7/2017 6:43:00 PM	R43337
Isopropylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
4-Isopropyltoluene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
4-Methyl-2-pentanone	ND	10		µg/L	1	6/7/2017 6:43:00 PM	R43337
Methylene Chloride	ND	3.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
n-Butylbenzene	ND	3.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
n-Propylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
sec-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Styrene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
tert-Butylbenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
trans-1,2-DCE	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Trichlorofluoromethane	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Vinyl chloride	ND	1.0		µg/L	1	6/7/2017 6:43:00 PM	R43337
Xylenes, Total	ND	1.5		µg/L	1	6/7/2017 6:43:00 PM	R43337
Surr: 1,2-Dichloroethane-d4	95.7	70-130		%Rec	1	6/7/2017 6:43:00 PM	R43337
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/7/2017 6:43:00 PM	R43337
Surr: Dibromofluoromethane	103	70-130		%Rec	1	6/7/2017 6:43:00 PM	R43337
Surr: Toluene-d8	99.6	70-130		%Rec	1	6/7/2017 6:43:00 PM	R43337

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-001
Client Sample ID: 1706314-001D, 086241-060617-CM-6-40

Report Date: 06/16/17
Collection Date: 06/06/17 09:25
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.059	mg/L		0.0010		SW8015M	06/16/17 10:12 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 10:12 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 10:12 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-002
Client Sample ID: 1706314-002D, 086241-060617-CM-6-14

Report Date: 06/16/17
Collection Date: 06/06/17 09:55
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.096	mg/L		0.0010		SW8015M	06/16/17 10:35 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 10:35 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 10:35 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-003
Client Sample ID: 1706314-003D, 086241-060617-CM-6-13

Report Date: 06/16/17
Collection Date: 06/06/17 10:25
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.0070	mg/L		0.0010		SW8015M	06/16/17 10:51 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 10:51 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 10:51 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-004
Client Sample ID: 1706314-004D, 086241-060617-CM-6-21B

Report Date: 06/16/17
Collection Date: 06/06/17 10:55
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.0081	mg/L		0.0010		SW8015M	06/16/17 11:07 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 11:07 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 11:07 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-005
Client Sample ID: 1706314-005D, 086241-060617-CM-6-21C

Report Date: 06/16/17
Collection Date: 06/06/17 11:20
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	3.4	mg/L		0.078		SW8015M	06/16/17 11:40 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 11:27 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 11:27 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-006
Client Sample ID: 1706314-006D, 086241-060617-CM-6-22B

Report Date: 06/16/17
Collection Date: 06/06/17 11:55
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.34	mg/L		0.0010		SW8015M	06/16/17 11:51 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 11:51 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 11:51 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-007
Client Sample ID: 1706314-007D, 086241-060617-CM-6-22C

Report Date: 06/16/17
Collection Date: 06/06/17 12:30
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	3.3	mg/L		0.078		SW8015M	06/16/17 12:17 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 12:06 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 12:06 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17060945-008
Client Sample ID: 1706314-008D, 086241-060617-CM-6-9

Report Date: 06/16/17
Collection Date: 06/06/17 12:55
Date Received: 06/09/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	2.6	mg/L		0.077		SW8015M	06/16/17 12:45 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	06/16/17 12:29 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	06/16/17 12:29 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 06/16/17

Work Order: B17060945

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015M							Analytical Run: R281638		
Lab ID: CCV	Continuing Calibration Verification Standard							06/16/17 09:12	
Methane	480	ppm	2.0	96	85	115			
Ethane	480	ppm	2.0	96	85	115			
Ethene	480	ppm	2.0	96	85	115			
Lab ID: CCV	Continuing Calibration Verification Standard							06/16/17 12:58	
Methane	490	ppm	2.0	98	85	115			
Ethane	490	ppm	2.0	98	85	115			
Ethene	490	ppm	2.0	98	85	115			
Method: SW8015M							Batch: R281638		
Lab ID: LCS	Laboratory Control Sample				Run: FID-HEADSPACE_170616A		06/16/17 09:17		
Methane	99	ppm	2.0	99	85	115			
Ethane	100	ppm	2.0	102	85	115			
Ethene	100	ppm	2.0	102	85	115			
Lab ID: MBLK	Method Blank				Run: FID-HEADSPACE_170616A		06/16/17 10:01		
Methane	ND	mg/L	0.0010						
Ethane	ND	mg/L	0.0010						
Ethene	ND	mg/L	0.0010						
Lab ID: B17060945-001ADUP	Sample Duplicate				Run: FID-HEADSPACE_170616A		06/16/17 10:24		
Methane	0.0589	mg/L	0.0010				0.1	20	
Ethane	ND	mg/L	0.0010					20	
Ethene	ND	mg/L	0.0010					20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID	MB-32149	SampType: MBLK		TestCode: EPA Method 8082: PCB's						
Client ID:	PBW	Batch ID: 32149		RunNo: 43368						
Prep Date:	6/7/2017	Analysis Date: 6/9/2017		SeqNo: 1365386		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.4		2.500		94.8	50.4	123			
Surr: Tetrachloro-m-xylene	2.3		2.500		91.2	41.2	147			

Sample ID	LCS-32149			SampType:	LCS		TestCode:	EPA Method 8082: PCB's			
Client ID:	LCSW			Batch ID:	32149		RunNo:	43368			
Prep Date:	6/7/2017			Analysis Date:	6/9/2017		SeqNo:	1365388		Units:	µg/L
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Aroclor 1016	6.4	1.0	5.000	0	127	34.2	145				
Aroclor 1260	6.7	1.0	5.000	0	135	37.1	148				
Surr: Decachlorobiphenyl	2.8		2.500		113	50.4	123				
Surr: Tetrachloro-m-xylene	2.5		2.500		98.8	41.2	147				

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID	100ng lcs	SampType: LCS4			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	BatchQC	Batch ID: R43337			RunNo: 43337					
Prep Date:	Analysis Date: 6/7/2017			SeqNo: 1364431			Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	70	130			
Toluene	20	1.0	20.00	0	100	70	130			
Ethylbenzene	20	1.0	20.00	0	101	70	130			
Methyl tert-butyl ether (MTBE)	38	1.0	40.00	0	96.1	70	130			
1,2,4-Trimethylbenzene	20	1.0	20.00	0	98.5	70	130			
1,3,5-Trimethylbenzene	19	1.0	20.00	0	97.2	70	130			
1,2-Dichloroethane (EDC)	19	1.0	20.00	0	97.4	62.2	143			
1,2-Dibromoethane (EDB)	19	1.0	20.00	0	95.3	70	130			
Naphthalene	17	2.0	20.00	0	85.7	70	130			
1-Methylnaphthalene	18	4.0	20.00	0	87.9	60	140			
2-Methylnaphthalene	13	4.0	20.00	0	66.4	60	140			
Acetone	40	10	40.00	0	99.8	60	140			
Bromobenzene	20	1.0	20.00	0	98.6	70	130			
Bromodichloromethane	20	1.0	20.00	0	102	70	130			
Bromoform	19	1.0	20.00	0	95.2	70	130			
Bromomethane	16	3.0	20.00	0	78.2	60	140			
2-Butanone	46	10	40.00	0	114	60	140			
Carbon disulfide	41	10	40.00	0	102	60	140			
Carbon Tetrachloride	20	1.0	20.00	0	102	70	130			
Chlorobenzene	20	1.0	20.00	0	102	70	130			
Chloroethane	21	2.0	20.00	0	107	60	140			
Chloroform	21	1.0	20.00	0	106	70	130			
Chloromethane	16	3.0	20.00	0	81.0	60	140			
2-Chlorotoluene	19	1.0	20.00	0	96.9	70	130			
4-Chlorotoluene	19	1.0	20.00	0	97.5	70	130			
cis-1,2-DCE	21	1.0	20.00	0	106	70	130			
cis-1,3-Dichloropropene	19	1.0	20.00	0	93.3	70	130			
1,2-Dibromo-3-chloropropane	18	2.0	20.00	0	90.9	70	130			
Dibromochloromethane	18	1.0	20.00	0	91.7	70	130			
Dibromomethane	21	1.0	20.00	0	104	70	130			
1,2-Dichlorobenzene	19	1.0	20.00	0	96.6	70	130			
1,3-Dichlorobenzene	20	1.0	20.00	0	98.9	70	130			
1,4-Dichlorobenzene	20	1.0	20.00	0	98.6	67.2	141			
Dichlorodifluoromethane	24	1.0	20.00	0	121	60	140			
1,1-Dichloroethane	20	1.0	20.00	0	99.7	52.6	157			
1,1-Dichloroethene	21	1.0	20.00	0	103	70	130			
1,2-Dichloropropane	20	1.0	20.00	0	102	63.7	138			
1,3-Dichloropropane	19	1.0	20.00	0	95.3	70	130			
2,2-Dichloropropane	20	2.0	20.00	0	101	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID 100ng lcs	SampType: LCS4				TestCode: EPA Method 8260B: VOLATILES					
Client ID: BatchQC	Batch ID: R43337				RunNo: 43337					
Prep Date:	Analysis Date: 6/7/2017				SeqNo: 1364431	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	20	1.0	20.00	0	102	70	130			
Hexachlorobutadiene	17	1.0	20.00	0	82.6	70	130			
2-Hexanone	35	10	40.00	0	86.7	60	140			
Isopropylbenzene	20	1.0	20.00	0	101	70	130			
4-Isopropyltoluene	20	1.0	20.00	0	100	70	130			
4-Methyl-2-pentanone	37	10	40.00	0	93.6	60	140			
Methylene Chloride	21	3.0	20.00	0	104	70	130			
n-Butylbenzene	19	3.0	20.00	0	93.2	70	130			
n-Propylbenzene	19	1.0	20.00	0	96.7	70	130			
sec-Butylbenzene	19	1.0	20.00	0	95.3	70	130			
Styrene	20	1.0	20.00	0	101	70	130			
tert-Butylbenzene	19	1.0	20.00	0	97.3	70	130			
1,1,1,2-Tetrachloroethane	19	1.0	20.00	0	97.0	70	130			
1,1,2,2-Tetrachloroethane	19	2.0	20.00	0	96.5	65.9	133			
Tetrachloroethene (PCE)	21	1.0	20.00	0	104	70	130			
trans-1,2-DCE	20	1.0	20.00	0	101	70	130			
trans-1,3-Dichloropropene	18	1.0	20.00	0	88.1	70	130			
1,2,3-Trichlorobenzene	18	1.0	20.00	0	88.0	70	130			
1,2,4-Trichlorobenzene	17	1.0	20.00	0	87.2	70	130			
1,1,1-Trichloroethane	21	1.0	20.00	0	103	70	130			
1,1,2-Trichloroethane	19	1.0	20.00	0	95.4	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	102	70	130			
Trichlorofluoromethane	21	1.0	20.00	0	105	70	130			
1,2,3-Trichloropropane	19	2.0	20.00	0	95.6	69.7	129			
Vinyl chloride	20	1.0	20.00	0	101	70	130			
Xylenes, Total	60	1.5	60.00	0	100	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.3	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Sample ID RB	SampType: MBLK				TestCode: EPA Method 8260B: VOLATILES					
Client ID: PBW	Batch ID: R43337				RunNo: 43337					
Prep Date:	Analysis Date: 6/7/2017				SeqNo: 1364456	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID	RB	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: R43337			RunNo: 43337					
Prep Date:		Analysis Date: 6/7/2017			SeqNo: 1364456	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID RB	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R43337			RunNo: 43337						
Prep Date:	Analysis Date: 6/7/2017			SeqNo: 1364456		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.3	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	10		10.00		99.7	70	130			

Sample ID 1706314-001ams	SampType: MS			TestCode: EPA Method 8260B: VOLATILES						
Client ID: 086241-060617-CM-	Batch ID: R43337			RunNo: 43337						
Prep Date:	Analysis Date: 6/7/2017			SeqNo: 1364458		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0.9820	106	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	21	1.0	20.00	0	104	70	130			
1,1-Dichloroethene	40	1.0	20.00	18.58	109	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0.7040	103	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID	1706314-001ams		SampType:	MS		TestCode:	EPA Method 8260B: VOLATILES			
Client ID:	086241-060617-CM-		Batch ID:	R43337		RunNo:	43337			
Prep Date:			Analysis Date:	6/7/2017		SeqNo:	1364458	Units:	µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130			
Surr: Dibromofluoromethane	10		10.00		105	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID	1706314-001amsd		SampType:	MSD		TestCode:	EPA Method 8260B: VOLATILES			
Client ID:	086241-060617-CM-		Batch ID:	R43337		RunNo:	43337			
Prep Date:			Analysis Date:	6/7/2017		SeqNo:	1364459	Units:	µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0.9820	104	70	130	1.25	20	
Toluene	20	1.0	20.00	0	97.9	70	130	3.19	20	
Chlorobenzene	20	1.0	20.00	0	101	70	130	2.48	20	
1,1-Dichloroethene	39	1.0	20.00	18.58	103	70	130	2.88	20	
Trichloroethene (TCE)	21	1.0	20.00	0.7040	102	70	130	0.461	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130	0	0	
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130	0	0	
Surr: Dibromofluoromethane	11		10.00		109	70	130	0	0	
Surr: Toluene-d8	10		10.00		101	70	130	0	0	

Sample ID	100ng lcs		SampType:	LCS4		TestCode:	EPA Method 8260B: VOLATILES			
Client ID:	BatchQC		Batch ID:	R43347		RunNo:	43347			
Prep Date:			Analysis Date:	6/8/2017		SeqNo:	1365694	Units:	µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Butanone	42	10	40.00	0	105	60	140			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.7	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID	rb		SampType:	MBLK		TestCode:	EPA Method 8260B: VOLATILES			
Client ID:	PBW		Batch ID:	R43347		RunNo:	43347			
Prep Date:			Analysis Date:	6/8/2017		SeqNo:	1365697	Units:	µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Butanone	ND	10								
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.0	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	9.9		10.00		99.2	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID	100ng lcs2	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	LCSW	Batch ID: W43347			RunNo: 43347					
Prep Date:		Analysis Date: 6/8/2017			SeqNo: 1365725		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.8		10.00		97.7	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	10		10.00		99.8	70	130			

Sample ID	rb2	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: W43347			RunNo: 43347					
Prep Date:		Analysis Date: 6/9/2017			SeqNo: 1365726		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.5	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.8		10.00		98.2	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706314

21-Jun-17

Client: GHD
Project: Laguna No 6

Sample ID MB	SampType: MBLK			TestCode: SM 5310B: TOC						
Client ID: PBW	Batch ID: R43364			RunNo: 43364						
Prep Date:	Analysis Date: 6/8/2017			SeqNo: 1365280		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	1.0								

Sample ID LCS ST9060-16016/	SampType: LCS			TestCode: SM 5310B: TOC						
Client ID: LCSW	Batch ID: R43364			RunNo: 43364						
Prep Date:	Analysis Date: 6/8/2017			SeqNo: 1365281		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Organic Carbon, Total	4.6	1.0	4.850	0	94.8	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1706314

RcptNo: 1

Received By: Ashley Gallegos 6/6/2017 3:20:00 PM

Completed By: Ashley Gallegos 6/6/2017 5:56:35 PM

Reviewed By: ENM

06/07/17

AG

AG

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☒ NA ☐
- Samples were collected the same day and chilled.**
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐
- # of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	7.3	Good	Yes			

Chain-of-Custody Record

Client: GTH Services Inc

Mailing Address: 621 Indian School #200

ABQ, NM 87110

Phone #: 505-884-0672

email or Fax#: bernard.backisch@ghd.com

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation ☒ NELAP ☐ Other

EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Laguna No.6

Project #:

086241

Project Manager:

Bernard Backisch

Sampler:

On Ice: ☒ Yes ☐ No

Sample Temperature: 7.3

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
6/6/17	0925	H ₂ O	010-086241-060617-01-6-40	3 VOAS Amber	HCl, sulfuric acid	1706314
6/6/17	0955	H ₂ O	010-086241-060617-01-6-14	3 VOAS Amber	HCl, sulfuric acid	-001
6/6/17	1025	H ₂ O	010-086241-060617-01-6-13	3 VOAS Amber	HCl, sulfuric acid	-002
6/6/17	1055	H ₂ O	010-086241-060617-01-6-21B	3 VOAS Amber	HCl, sulfuric acid	-003
6/6/17	1120	H ₂ O	010-086241-060617-01-6-21C	3 VOAS Amber	HCl, sulfuric acid	-004
6/6/17	1155	H ₂ O	010-086241-060617-01-6-22B	3 VOAS Amber	HCl, sulfuric acid	-005
6/6/17	1230	H ₂ O	010-086241-060617-01-6-22C	3 VOAS Amber	HCl, sulfuric acid	-006
6/6/17	1255	H ₂ O	010-086241-060617-01-6-9	3 VOAS Amber	HCl, sulfuric acid	-007
6/6/17	—	H ₂ O	010-086241-060617-01-11B	3 VOAS	HCl, sulfuric acid	-008
6/6/17	1345	H ₂ O	010-086241-060617-01-01	3 VOAS	HCl, sulfuric acid	-009
						-010

Date: 6/6/17 Time: 1520

Date: 6/6/17 Time: 1520

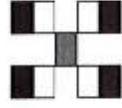
Received by:

Received by:

Date

Time

Remarks:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	
BTEX + MTBE + TPH (Gas only)	
TPH 8015B (GRO / DRO / MRO)	
TPH (Method 418.1)	
EDB (Method 504.1)	
PAH's (8310 or 8270 SIMS)	
RCRA 8 Metals	
Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	
8081 Pesticides / 8082 PCB's	
8260B (VOA)	
8270 (Semi-VOA)	
PCBs	
Total Organic Carbon	
Dissolved Methane, Ethane & Ethylene	
Air Bubbles (Y or N)	



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

September 27, 2017

Bernie Bockisch

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Laguna Compressor Station

OrderNo.: 1709445

Dear Bernie Bockisch:

Hall Environmental Analysis Laboratory received 9 sample(s) on 9/7/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-09

Project: Laguna Compressor Station

Collection Date: 9/7/2017 10:40:00 AM

Lab ID: 1709445-001

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	170	1.0		mg/L	1	9/22/2017 1:46:10 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	200	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Aroclor 1221	ND	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Aroclor 1232	ND	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Aroclor 1242	ND	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Aroclor 1248	ND	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Aroclor 1254	ND	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Aroclor 1260	ND	10	D	µg/L	10	9/21/2017 10:46:00 AM	33835
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	10	9/21/2017 10:46:00 AM	33835
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	10	9/21/2017 10:46:00 AM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.0	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Toluene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2,4-Trimethylbenzene	1.2	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Naphthalene	ND	2.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Acetone	100	10		µg/L	1	9/13/2017 9:26:00 PM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Bromoform	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Bromomethane	ND	3.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
2-Butanone	200	100		µg/L	10	9/14/2017 3:05:00 PM	R45638
Carbon disulfide	14	10		µg/L	1	9/13/2017 9:26:00 PM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Chloroethane	2.8	2.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Chloroform	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Chloromethane	ND	3.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-09

Project: Laguna Compressor Station

Collection Date: 9/7/2017 10:40:00 AM

Lab ID: 1709445-001

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1-Dichloroethane	43	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1-Dichloroethene	19	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
2-Hexanone	ND	10		µg/L	1	9/13/2017 9:26:00 PM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/13/2017 9:26:00 PM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Styrene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/13/2017 9:26:00 PM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/13/2017 9:26:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-09

Project: Laguna Compressor Station

Collection Date: 9/7/2017 10:40:00 AM

Lab ID: 1709445-001

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	94.8	70-130		%Rec	1	9/13/2017 9:26:00 PM	A45614
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	9/13/2017 9:26:00 PM	A45614
Surr: Dibromofluoromethane	98.2	70-130		%Rec	1	9/13/2017 9:26:00 PM	A45614
Surr: Toluene-d8	92.3	70-130		%Rec	1	9/13/2017 9:26:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-13

Project: Laguna Compressor Station

Collection Date: 9/7/2017 11:05:00 AM

Lab ID: 1709445-002

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	50	1.0		mg/L	1	9/22/2017 2:21:51 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Aroclor 1221	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Aroclor 1232	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Aroclor 1242	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Aroclor 1248	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Aroclor 1254	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Aroclor 1260	ND	1.0		µg/L	1	9/18/2017 12:53:00 PM	33835
Surr: Decachlorobiphenyl	101	50.4-123		%Rec	1	9/18/2017 12:53:00 PM	33835
Surr: Tetrachloro-m-xylene	154	41.2-147	S	%Rec	1	9/18/2017 12:53:00 PM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	3.0	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Toluene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2-Dichloroethane (EDC)	1.5	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Naphthalene	ND	2.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Acetone	12	10		µg/L	1	9/13/2017 9:49:00 PM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Bromoform	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Bromomethane	ND	3.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
2-Butanone	ND	10		µg/L	1	9/13/2017 9:49:00 PM	A45614
Carbon disulfide	ND	10		µg/L	1	9/13/2017 9:49:00 PM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Chloroethane	ND	2.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Chloroform	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Chloromethane	ND	3.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
cis-1,2-DCE	1.1	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-13

Project: Laguna Compressor Station

Collection Date: 9/7/2017 11:05:00 AM

Lab ID: 1709445-002

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1-Dichloroethane	14	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1-Dichloroethene	12	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
2-Hexanone	ND	10		µg/L	1	9/13/2017 9:49:00 PM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/13/2017 9:49:00 PM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Styrene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/13/2017 9:49:00 PM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/13/2017 9:49:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-13

Project: Laguna Compressor Station

Collection Date: 9/7/2017 11:05:00 AM

Lab ID: 1709445-002

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	91.1	70-130		%Rec	1	9/13/2017 9:49:00 PM	A45614
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	9/13/2017 9:49:00 PM	A45614
Surr: Dibromofluoromethane	97.5	70-130		%Rec	1	9/13/2017 9:49:00 PM	A45614
Surr: Toluene-d8	92.2	70-130		%Rec	1	9/13/2017 9:49:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-14

Project: Laguna Compressor Station

Collection Date: 9/7/2017 11:45:00 AM

Lab ID: 1709445-003

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	16	1.0		mg/L	1	9/22/2017 2:55:37 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Aroclor 1221	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Aroclor 1232	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Aroclor 1242	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Aroclor 1248	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Aroclor 1254	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Aroclor 1260	ND	1.0		µg/L	1	9/18/2017 1:26:00 PM	33835
Surr: Decachlorobiphenyl	89.2	50.4-123		%Rec	1	9/18/2017 1:26:00 PM	33835
Surr: Tetrachloro-m-xylene	96.8	41.2-147		%Rec	1	9/18/2017 1:26:00 PM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.6	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Toluene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Naphthalene	ND	2.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Acetone	ND	10		µg/L	1	9/13/2017 10:13:00 PM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Bromoform	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Bromomethane	ND	3.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
2-Butanone	ND	10		µg/L	1	9/13/2017 10:13:00 PM	A45614
Carbon disulfide	ND	10		µg/L	1	9/13/2017 10:13:00 PM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Chloroethane	ND	2.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Chloroform	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Chloromethane	ND	3.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-14

Project: Laguna Compressor Station

Collection Date: 9/7/2017 11:45:00 AM

Lab ID: 1709445-003

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1-Dichloroethane	54	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1-Dichloroethene	21	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
2-Hexanone	ND	10		µg/L	1	9/13/2017 10:13:00 PM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/13/2017 10:13:00 PM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Styrene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/13/2017 10:13:00 PM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/13/2017 10:13:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-14

Project: Laguna Compressor Station

Collection Date: 9/7/2017 11:45:00 AM

Lab ID: 1709445-003

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	94.0	70-130		%Rec	1	9/13/2017 10:13:00 PM	A45614
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	9/13/2017 10:13:00 PM	A45614
Surr: Dibromofluoromethane	97.9	70-130		%Rec	1	9/13/2017 10:13:00 PM	A45614
Surr: Toluene-d8	91.8	70-130		%Rec	1	9/13/2017 10:13:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-21B

Project: Laguna Compressor Station

Collection Date: 9/7/2017 12:15:00 PM

Lab ID: 1709445-004

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	19	1.0		mg/L	1	9/22/2017 3:30:08 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Aroclor 1221	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Aroclor 1232	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Aroclor 1242	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Aroclor 1248	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Aroclor 1254	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Aroclor 1260	ND	1.0		µg/L	1	9/18/2017 2:32:00 PM	33835
Surr: Decachlorobiphenyl	116	50.4-123		%Rec	1	9/18/2017 2:32:00 PM	33835
Surr: Tetrachloro-m-xylene	142	41.2-147		%Rec	1	9/18/2017 2:32:00 PM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.9	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Toluene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Naphthalene	ND	2.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Acetone	ND	10		µg/L	1	9/13/2017 10:37:00 PM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Bromoform	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Bromomethane	ND	3.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
2-Butanone	ND	10		µg/L	1	9/13/2017 10:37:00 PM	A45614
Carbon disulfide	ND	10		µg/L	1	9/13/2017 10:37:00 PM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Chloroethane	ND	2.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Chloroform	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Chloromethane	ND	3.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-21B

Project: Laguna Compressor Station

Collection Date: 9/7/2017 12:15:00 PM

Lab ID: 1709445-004

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1-Dichloroethane	73	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1-Dichloroethene	21	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
2-Hexanone	ND	10		µg/L	1	9/13/2017 10:37:00 PM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/13/2017 10:37:00 PM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Styrene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/13/2017 10:37:00 PM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/13/2017 10:37:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-21B

Project: Laguna Compressor Station

Collection Date: 9/7/2017 12:15:00 PM

Lab ID: 1709445-004

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	96.6	70-130		%Rec	1	9/13/2017 10:37:00 PM	A45614
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	9/13/2017 10:37:00 PM	A45614
Surr: Dibromofluoromethane	98.8	70-130		%Rec	1	9/13/2017 10:37:00 PM	A45614
Surr: Toluene-d8	93.1	70-130		%Rec	1	9/13/2017 10:37:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-21C

Project: Laguna Compressor Station

Collection Date: 9/7/2017 12:25:00 PM

Lab ID: 1709445-005

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	17	1.0		mg/L	1	9/22/2017 4:03:10 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	95	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Aroclor 1221	ND	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Aroclor 1232	ND	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Aroclor 1242	ND	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Aroclor 1248	ND	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Aroclor 1254	ND	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Aroclor 1260	ND	10	D	µg/L	10	9/21/2017 11:19:00 AM	33835
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	10	9/21/2017 11:19:00 AM	33835
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	10	9/21/2017 11:19:00 AM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.3	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Toluene	1.2	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Ethylbenzene	2.5	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2,4-Trimethylbenzene	4.5	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Naphthalene	ND	2.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Acetone	ND	10		µg/L	1	9/13/2017 11:01:00 PM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Bromoform	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Bromomethane	ND	3.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
2-Butanone	ND	10		µg/L	1	9/13/2017 11:01:00 PM	A45614
Carbon disulfide	ND	10		µg/L	1	9/13/2017 11:01:00 PM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Chloroethane	2.7	2.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Chloroform	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Chloromethane	ND	3.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-21C

Project: Laguna Compressor Station

Collection Date: 9/7/2017 12:25:00 PM

Lab ID: 1709445-005

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1-Dichloroethane	89	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1-Dichloroethene	62	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
2-Hexanone	ND	10		µg/L	1	9/13/2017 11:01:00 PM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/13/2017 11:01:00 PM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
n-Propylbenzene	1.0	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Styrene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Trichloroethene (TCE)	1.1	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Vinyl chloride	1.8	1.0		µg/L	1	9/13/2017 11:01:00 PM	A45614
Xylenes, Total	5.8	1.5		µg/L	1	9/13/2017 11:01:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-21C

Project: Laguna Compressor Station

Collection Date: 9/7/2017 12:25:00 PM

Lab ID: 1709445-005

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	94.7	70-130		%Rec	1	9/13/2017 11:01:00 PM	A45614
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	9/13/2017 11:01:00 PM	A45614
Surr: Dibromofluoromethane	98.7	70-130		%Rec	1	9/13/2017 11:01:00 PM	A45614
Surr: Toluene-d8	91.8	70-130		%Rec	1	9/13/2017 11:01:00 PM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-22B

Project: Laguna Compressor Station

Collection Date: 9/7/2017 1:30:00 PM

Lab ID: 1709445-006

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	20	1.0		mg/L	1	9/22/2017 4:36:51 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	1.5	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Aroclor 1221	ND	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Aroclor 1232	ND	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Aroclor 1242	ND	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Aroclor 1248	ND	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Aroclor 1254	ND	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Aroclor 1260	ND	1.0		µg/L	1	9/21/2017 11:52:00 AM	33835
Surr: Decachlorobiphenyl	73.6	50.4-123		%Rec	1	9/21/2017 11:52:00 AM	33835
Surr: Tetrachloro-m-xylene	75.6	41.2-147		%Rec	1	9/21/2017 11:52:00 AM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	3.9	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Toluene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Naphthalene	ND	2.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Acetone	ND	10		µg/L	1	9/14/2017 1:00:00 AM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Bromoform	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Bromomethane	ND	3.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
2-Butanone	ND	10		µg/L	1	9/14/2017 1:00:00 AM	A45614
Carbon disulfide	ND	10		µg/L	1	9/14/2017 1:00:00 AM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Chloroethane	ND	2.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Chloroform	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Chloromethane	ND	3.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-22B

Project: Laguna Compressor Station

Collection Date: 9/7/2017 1:30:00 PM

Lab ID: 1709445-006

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1-Dichloroethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1-Dichloroethene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
2-Hexanone	ND	10		µg/L	1	9/14/2017 1:00:00 AM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/14/2017 1:00:00 AM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Styrene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/14/2017 1:00:00 AM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/14/2017 1:00:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
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	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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Lab Order 1709445

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CLIENT: GHD

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Project: Laguna Compressor Station

Collection Date: 9/7/2017 1:30:00 PM

Lab ID: 1709445-006

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	95.4	70-130		%Rec	1	9/14/2017 1:00:00 AM	A45614
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	9/14/2017 1:00:00 AM	A45614
Surr: Dibromofluoromethane	99.2	70-130		%Rec	1	9/14/2017 1:00:00 AM	A45614
Surr: Toluene-d8	92.1	70-130		%Rec	1	9/14/2017 1:00:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
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Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-22C

Project: Laguna Compressor Station

Collection Date: 9/7/2017 1:50:00 PM

Lab ID: 1709445-007

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	17	1.0		mg/L	1	9/22/2017 5:09:26 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	440	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Aroclor 1221	ND	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Aroclor 1232	ND	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Aroclor 1242	ND	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Aroclor 1248	ND	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Aroclor 1254	ND	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Aroclor 1260	ND	10	D	µg/L	10	9/21/2017 12:25:00 PM	33835
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	10	9/21/2017 12:25:00 PM	33835
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	10	9/21/2017 12:25:00 PM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.9	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Toluene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Ethylbenzene	5.2	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2,4-Trimethylbenzene	16	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Naphthalene	5.5	2.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1-Methylnaphthalene	8.6	4.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
2-Methylnaphthalene	9.0	4.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Acetone	ND	10		µg/L	1	9/14/2017 1:24:00 AM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Bromoform	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Bromomethane	ND	3.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
2-Butanone	ND	10		µg/L	1	9/14/2017 1:24:00 AM	A45614
Carbon disulfide	ND	10		µg/L	1	9/14/2017 1:24:00 AM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Chloroethane	ND	2.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Chloroform	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Chloromethane	ND	3.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-22C

Project: Laguna Compressor Station

Collection Date: 9/7/2017 1:50:00 PM

Lab ID: 1709445-007

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1-Dichloroethane	50	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1-Dichloroethene	26	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
2-Hexanone	ND	10		µg/L	1	9/14/2017 1:24:00 AM	A45614
Isopropylbenzene	1.5	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/14/2017 1:24:00 AM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
n-Propylbenzene	2.3	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Styrene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1,1-Trichloroethane	2.1	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Vinyl chloride	1.0	1.0		µg/L	1	9/14/2017 1:24:00 AM	A45614
Xylenes, Total	20	1.5		µg/L	1	9/14/2017 1:24:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-22C

Project: Laguna Compressor Station

Collection Date: 9/7/2017 1:50:00 PM

Lab ID: 1709445-007

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	95.8	70-130		%Rec	1	9/14/2017 1:24:00 AM	A45614
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	9/14/2017 1:24:00 AM	A45614
Surr: Dibromofluoromethane	97.3	70-130		%Rec	1	9/14/2017 1:24:00 AM	A45614
Surr: Toluene-d8	91.3	70-130		%Rec	1	9/14/2017 1:24:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-40

Project: Laguna Compressor Station

Collection Date: 9/7/2017 2:15:00 PM

Lab ID: 1709445-008

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	15	1.0		mg/L	1	9/22/2017 5:42:02 PM	R45859
EPA METHOD 8082: PCB'S							Analyst: SCC
Aroclor 1016	38	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Aroclor 1221	ND	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Aroclor 1232	ND	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Aroclor 1242	ND	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Aroclor 1248	ND	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Aroclor 1254	ND	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Aroclor 1260	ND	10	D	µg/L	10	9/21/2017 12:58:00 PM	33835
Surr: Decachlorobiphenyl	0	50.4-123	SD	%Rec	10	9/21/2017 12:58:00 PM	33835
Surr: Tetrachloro-m-xylene	0	41.2-147	SD	%Rec	10	9/21/2017 12:58:00 PM	33835
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Toluene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Naphthalene	ND	2.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Acetone	ND	10		µg/L	1	9/14/2017 1:47:00 AM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Bromoform	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Bromomethane	ND	3.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
2-Butanone	ND	10		µg/L	1	9/14/2017 1:47:00 AM	A45614
Carbon disulfide	ND	10		µg/L	1	9/14/2017 1:47:00 AM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Chloroethane	ND	2.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Chloroform	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Chloromethane	ND	3.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-40

Project: Laguna Compressor Station

Collection Date: 9/7/2017 2:15:00 PM

Lab ID: 1709445-008

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1-Dichloroethane	53	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1-Dichloroethene	18	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
2-Hexanone	ND	10		µg/L	1	9/14/2017 1:47:00 AM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/14/2017 1:47:00 AM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Styrene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/14/2017 1:47:00 AM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/14/2017 1:47:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-090717-CN-6-40

Project: Laguna Compressor Station

Collection Date: 9/7/2017 2:15:00 PM

Lab ID: 1709445-008

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	95.3	70-130		%Rec	1	9/14/2017 1:47:00 AM	A45614
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	9/14/2017 1:47:00 AM	A45614
Surr: Dibromofluoromethane	97.5	70-130		%Rec	1	9/14/2017 1:47:00 AM	A45614
Surr: Toluene-d8	90.9	70-130		%Rec	1	9/14/2017 1:47:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: TRIP BLANK

Project: Laguna Compressor Station

Collection Date:

Lab ID: 1709445-009

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Toluene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Ethylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Naphthalene	ND	2.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1-Methylnaphthalene	ND	4.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
2-Methylnaphthalene	ND	4.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Acetone	ND	10		µg/L	1	9/14/2017 2:11:00 AM	A45614
Bromobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Bromodichloromethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Bromoform	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Bromomethane	ND	3.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
2-Butanone	ND	10		µg/L	1	9/14/2017 2:11:00 AM	A45614
Carbon disulfide	ND	10		µg/L	1	9/14/2017 2:11:00 AM	A45614
Carbon Tetrachloride	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Chlorobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Chloroethane	ND	2.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Chloroform	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Chloromethane	ND	3.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
2-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
4-Chlorotoluene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
cis-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Dibromochloromethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Dibromomethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,1-Dichloroethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,1-Dichloroethene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,3-Dichloropropane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
2,2-Dichloropropane	ND	2.0		µg/L	1	9/14/2017 2:11:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1709445

Date Reported: 9/27/2017

CLIENT: GHD

Client Sample ID: TRIP BLANK

Project: Laguna Compressor Station

Collection Date:

Lab ID: 1709445-009

Matrix: AQUEOUS

Received Date: 9/7/2017 4:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
1,1-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Hexachlorobutadiene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
2-Hexanone	ND	10		µg/L	1	9/14/2017 2:11:00 AM	A45614
Isopropylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
4-Isopropyltoluene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
4-Methyl-2-pentanone	ND	10		µg/L	1	9/14/2017 2:11:00 AM	A45614
Methylene Chloride	ND	3.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
n-Butylbenzene	ND	3.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
n-Propylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
sec-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Styrene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
tert-Butylbenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
trans-1,2-DCE	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Trichlorofluoromethane	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Vinyl chloride	ND	1.0		µg/L	1	9/14/2017 2:11:00 AM	A45614
Xylenes, Total	ND	1.5		µg/L	1	9/14/2017 2:11:00 AM	A45614
Surr: 1,2-Dichloroethane-d4	93.8	70-130		%Rec	1	9/14/2017 2:11:00 AM	A45614
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	9/14/2017 2:11:00 AM	A45614
Surr: Dibromofluoromethane	97.8	70-130		%Rec	1	9/14/2017 2:11:00 AM	A45614
Surr: Toluene-d8	91.2	70-130		%Rec	1	9/14/2017 2:11:00 AM	A45614

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



Collected date/time: 09/07/17 10:40

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	7.88		0.100	10	09/13/2017 12:16	<u>WG1019674</u>
Ethane	ND		0.0130	1	09/13/2017 10:32	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:32	<u>WG1019345</u>

¹ Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl

Al

² Sc



Collected date/time: 09/07/17 11:05

L935413

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.0250		0.0100	1	09/13/2017 10:35	WG1019345
Ethane	ND		0.0130	1	09/13/2017 10:35	WG1019345
Ethene	ND		0.0130	1	09/13/2017 10:35	WG1019345

² Tc³ Ss⁴ Cn⁵ Sl⁶ Qc⁷ Gl

Al

⁸ Sc



Collected date/time: 09/07/17 11:45

L935413

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.690		0.0100	1	09/13/2017 10:37	<u>WG1019345</u>
Ethane	ND		0.0130	1	09/13/2017 10:37	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:37	<u>WG1019345</u>

²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc



Collected date/time: 09/07/17 12:15

L935413

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.0288		0.0100	1	09/13/2017 10:39	<u>WG1019345</u>
Ethane	ND		0.0130	1	09/13/2017 10:39	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:39	<u>WG1019345</u>

² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl

Al

⁸ ScACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L935413DATE/TIME:
09/19/17 14:44



Collected date/time: 09/07/17 12:25

L935413

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	5.37		0.100	10	09/13/2017 12:18	<u>WG1019674</u>
Ethane	ND		0.0130	1	09/13/2017 10:42	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:42	<u>WG1019345</u>

¹ Tc³ Ss⁴ Cn⁵ Sr¹ Qc⁷ Gl¹ Al² Sc

1709445-006D GW-086241-090717-CN-6-228

Collected date/time: 09/07/17 13:30

SAMPLE RESULTS - 06

L935413

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.825		0.0100	1	09/13/2017 10:46	<u>WG1019345</u>
Ethane	ND		0.0130	1	09/13/2017 10:46	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:46	<u>WG1019345</u>

² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ ScACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L935413DATE/TIME:
09/19/17 14:44



Collected date/time: 09/07/17 13:50

L935413

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	4.65		0.100	10	09/13/2017 12:21	<u>WG1019674</u>
Ethane	ND		0.0130	1	09/13/2017 10:48	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:48	<u>WG1019345</u>

² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl

Al

⁸ Sc



Collected date/time: 09/07/17 14:15

L935413

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.294		0.0100	1	09/13/2017 10:50	<u>WG1019345</u>
Ethane	ND		0.0130	1	09/13/2017 10:50	<u>WG1019345</u>
Ethene	ND		0.0130	1	09/13/2017 10:50	<u>WG1019345</u>

² Tc³ Ss⁴ Cn⁵ Si⁶ Qc⁷ Gl⁸ Al⁹ Sc

WG1019345

Volatile Organic Compounds (GC) by Method RSK175

QUALITY CONTROL SUMMARY

L935413-01,02,03,04,05,06,07,08

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3248926-1 09/13/17 10:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Methane	U		0.00291	0.0100
Ethane	U		0.00407	0.0130
Ethene	U		0.00426	0.0130

L935413-06 Original Sample (OS) • Duplicate (DUP)

(OS) L935413-06 09/13/17 10:46 • (DUP) R3248926-2 09/13/17 11:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	0.825	0.824	1	0.0900		20
Ethane	ND	0.000	1	0.000		20
Ethene	ND	0.000	1	0.000		20

L935461-02 Original Sample (OS) • Duplicate (DUP)

(OS) L935461-02 09/13/17 11:13 • (DUP) R3248926-3 09/13/17 11:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	0.101	0.105	1	3.12		20
Ethane	ND	0.000	1	0.000		20
Ethene	ND	0.000	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSd)

(LCS) R3248926-4 09/13/17 11:46 • (LCSd) R3248926-5 09/13/17 11:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSd Qualifier	RPD %	RPD Limits %
Methane	0.0678	0.0703	0.0645	104	95.1	85.0-115			8.59	20
Ethane	0.129	0.125	0.122	96.9	94.3	85.0-115			2.69	20
Ethene	0.127	0.121	0.116	95.1	91.0	85.0-115			4.41	20

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L935413

DATE/TIME:

09/19/17 14:44

WG1019674

Volatile Organic Compounds (GC) by Method RSK175

QUALITY CONTROL SUMMARY

L935413-01.05.07

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3249049-1 09/13/17 12:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Methane	U	0.00291	0.00291	0.0100

L935505-02 Original Sample (OS) • Duplicate (DUP)

(OS) L935505-02 09/13/17 12:35 • (DUP) R3249049-2 09/13/17 12:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	0.159	0.160	1	0.520		20

L935506-01 Original Sample (OS) • Duplicate (DUP)

(OS) L935506-01 09/13/17 12:51 • (DUP) R3249049-3 09/13/17 15:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	ND	0.000	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3249049-4 09/13/17 15:57 • (LCSD) R3249049-5 09/13/17 15:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	0.0678	0.0652	0.0674	96.1	99.4	85.0-115			3.41	20

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L935413

DATE/TIME:
09/19/17 14:44





Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.
Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709445

27-Sep-17

Client: GHD
Project: Laguna Compressor Station

Sample ID MB-33835	SampType: MBLK		TestCode: EPA Method 8082: PCB's							
Client ID: PBW	Batch ID: 33835		RunNo: 45709							
Prep Date: 9/13/2017	Analysis Date: 9/18/2017		SeqNo: 1451235		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.8		2.500		110	50.4	123			
Surr: Tetrachloro-m-xylene	3.1		2.500		124	41.2	147			

Sample ID LCS-33835	SampType: LCS		TestCode: EPA Method 8082: PCB's							
Client ID: LCSW	Batch ID: 33835		RunNo: 45709							
Prep Date: 9/13/2017	Analysis Date: 9/18/2017		SeqNo: 1451236		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	5.4	1.0	5.000	0	107	29.7	184			
Aroclor 1260	5.7	1.0	5.000	0	115	42.1	167			
Surr: Decachlorobiphenyl	2.7		2.500		108	50.4	123			
Surr: Tetrachloro-m-xylene	3.1		2.500		125	41.2	147			

Sample ID 1709445-001CMS	SampType: MS		TestCode: EPA Method 8082: PCB's							
Client ID: GW-086241-090717-	Batch ID: 33835		RunNo: 45709							
Prep Date: 9/13/2017	Analysis Date: 9/18/2017		SeqNo: 1451241		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0	5.000	0	0	15	154			S
Aroclor 1260	4.5	1.0	5.000	0	89.8	15	176			
Surr: Decachlorobiphenyl	2.1		2.500		84.0	50.4	123			
Surr: Tetrachloro-m-xylene	3.1		2.500		124	41.2	147			

Sample ID 1709445-001CMSD	SampType: MSD		TestCode: EPA Method 8082: PCB's							
Client ID: GW-086241-090717-	Batch ID: 33835		RunNo: 45709							
Prep Date: 9/13/2017	Analysis Date: 9/18/2017		SeqNo: 1451242		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0	5.000	0	0	15	154	0	24.3	S
Aroclor 1260	4.4	1.0	5.000	0	87.4	15	176	2.71	26.7	
Surr: Decachlorobiphenyl	2.0		2.500		79.6	50.4	123	0	0	
Surr: Tetrachloro-m-xylene	2.9		2.500		116	41.2	147	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709445

27-Sep-17

Client: GHD

Project: Laguna Compressor Station

Sample ID	100ng lcs		SampType: LCS		TestCode: EPA Method 8260B: VOLATILES					
Client ID:	LCSW		Batch ID: A45614		RunNo: 45614					
Prep Date:			Analysis Date: 9/14/2017		SeqNo: 1446927		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130			
Toluene	19	1.0	20.00	0	97.4	70	130			
Chlorobenzene	19	1.0	20.00	0	96.5	70	130			
1,1-Dichloroethene	23	1.0	20.00	0	113	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.2	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.3	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.3	70	130			
Surr: Toluene-d8	9.2		10.00		92.2	70	130			

Sample ID	rb2	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: A45614			RunNo: 45614					
Prep Date:		Analysis Date: 9/14/2017			SeqNo: 1446928		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709445

27-Sep-17

Client: GHD

Project: Laguna Compressor Station

Sample ID	rb2	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	A45614	RunNo:	45614					
Prep Date:		Analysis Date:	9/14/2017	SeqNo:	1446928	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709445

27-Sep-17

Client: GHD

Project: Laguna Compressor Station

Sample ID	rb2	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: A45614			RunNo: 45614					
Prep Date:		Analysis Date: 9/14/2017			SeqNo: 1446928		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.5	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.7	70	130			
Surr: Dibromofluoromethane	9.8		10.00		97.8	70	130			
Surr: Toluene-d8	9.1		10.00		91.4	70	130			

Sample ID	100ng lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES						
Client ID:	LCSW	Batch ID: R45638		RunNo: 45638						
Prep Date:		Analysis Date: 9/14/2017		SeqNo: 1448335			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.3	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		96.6	70	130			
Surr: Dibromofluoromethane	9.7		10.00		97.0	70	130			
Surr: Toluene-d8	9.2		10.00		91.6	70	130			

Sample ID	rb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: R45638			RunNo: 45638					
Prep Date:		Analysis Date: 9/14/2017			SeqNo: 1448340		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Butanone	ND	10								
Surr: 1,2-Dichloroethane-d4	9.6		10.00		95.9	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130			
Surr: Dibromofluoromethane	9.6		10.00		96.0	70	130			
Surr: Toluene-d8	9.1		10.00		91.4	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709445

27-Sep-17

Client: GHD
Project: Laguna Compressor Station

Sample ID MB	SampType: MBLK		TestCode: EPA Method 9060 TOC							
Client ID: PBW	Batch ID: R45859		RunNo: 45859							
Prep Date:	Analysis Date: 9/21/2017		SeqNo: 1457276		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	1.0								

Sample ID LCS ST9060-16016/	SampType: LCS		TestCode: EPA Method 9060 TOC							
Client ID: LCSW	Batch ID: R45859		RunNo: 45859							
Prep Date:	Analysis Date: 9/21/2017		SeqNo: 1457277		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	4.6	1.0	4.850	0	94.6	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1709445

RcptNo: 1

Received By: Ashley Gallegos 9/7/2017 4:00:00 PM

Completed By: Ashley Gallegos 9/8/2017 3:13:48 PM

Reviewed By: *SPC 09/11/17*

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☒ NA ☐
- Samples were collected the same day and chilled.**
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	8.4	Good	Not Present			

Chain-of-Custody Record

Client: *GHD Services*

Turn-Around Time: ☒ Standard ☐ Rush

Client: GHD Services

Mailing Address: 6121 Indian School Rd DE #7002

Albuquerque, NM 87110

Phone #: 5265 8841 0672

email or Fax#: Beck's School of Business

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Date	Time	Matrix	Sample Request ID
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Date	Time	Matrix
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Date	Time	Matrix	Sample Request ID
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9-7-17	10401
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1105

5/11

3161		
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1053		
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1351		
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1361

TRIP BLANK

Date:	Time:	Relinquished by:
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Charles N. Kelly

Date:	Time:	Relinquished by:
-------	-------	------------------

10

Received by:

7

Reserved by:

0

Remarks:

Date _____ Time _____

09/07/17 1600

Date Time

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 27, 2017

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Laguna No 6

OrderNo.: 1712363

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 10 sample(s) on 12/6/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-40

Project: Laguna No 6

Collection Date: 12/6/2017 10:25:00 AM

Lab ID: 1712363-001

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	16	1.0		mg/L	1	12/8/2017 9:06:15 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	9.2	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Aroclor 1221	ND	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Aroclor 1232	ND	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Aroclor 1242	ND	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Aroclor 1248	ND	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Aroclor 1254	ND	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Aroclor 1260	ND	0.25		µg/L	1	12/13/2017 12:45:00 PM	35421
Surr: Decachlorobiphenyl	76.0	34.1-101		%Rec	1	12/13/2017 12:45:00 PM	35421
Surr: Tetrachloro-m-xylene	85.2	22.9-104		%Rec	1	12/13/2017 12:45:00 PM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.2	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 4:12:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 4:12:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 4:12:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-40

Project: Laguna No 6

Collection Date: 12/6/2017 10:25:00 AM

Lab ID: 1712363-001

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1-Dichloroethane	64	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1-Dichloroethene	24	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 4:12:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 4:12:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Vinyl chloride	ND	1.0		µg/L	1	12/8/2017 4:12:00 AM	B47668
Xylenes, Total	ND	1.5		µg/L	1	12/8/2017 4:12:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-40

Project: Laguna No 6

Collection Date: 12/6/2017 10:25:00 AM

Lab ID: 1712363-001

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	12/8/2017 4:12:00 AM	B47668
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	12/8/2017 4:12:00 AM	B47668
Surr: Dibromofluoromethane	100	70-130		%Rec	1	12/8/2017 4:12:00 AM	B47668
Surr: Toluene-d8	97.9	70-130		%Rec	1	12/8/2017 4:12:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-13

Project: Laguna No 6

Collection Date: 12/6/2017 10:45:00 AM

Lab ID: 1712363-002

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	44	1.0		mg/L	1	12/8/2017 9:25:24 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Aroclor 1221	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Aroclor 1232	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Aroclor 1242	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Aroclor 1248	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Aroclor 1254	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Aroclor 1260	ND	0.25		µg/L	1	12/13/2017 2:24:00 PM	35421
Surr: Decachlorobiphenyl	68.8	34.1-101		%Rec	1	12/13/2017 2:24:00 PM	35421
Surr: Tetrachloro-m-xylene	75.2	22.9-104		%Rec	1	12/13/2017 2:24:00 PM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.6	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2-Dichloroethane (EDC)	1.5	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Acetone	13	10		µg/L	1	12/8/2017 4:35:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 4:35:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 4:35:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
cis-1,2-DCE	1.1	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-13

Project: Laguna No 6

Collection Date: 12/6/2017 10:45:00 AM

Lab ID: 1712363-002

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1-Dichloroethane	13	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1-Dichloroethene	10	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 4:35:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 4:35:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Vinyl chloride	ND	1.0		µg/L	1	12/8/2017 4:35:00 AM	B47668
Xylenes, Total	ND	1.5		µg/L	1	12/8/2017 4:35:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-13

Project: Laguna No 6

Collection Date: 12/6/2017 10:45:00 AM

Lab ID: 1712363-002

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	99.7	70-130		%Rec	1	12/8/2017 4:35:00 AM	B47668
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	12/8/2017 4:35:00 AM	B47668
Surr: Dibromofluoromethane	101	70-130		%Rec	1	12/8/2017 4:35:00 AM	B47668
Surr: Toluene-d8	97.9	70-130		%Rec	1	12/8/2017 4:35:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-14

Project: Laguna No 6

Collection Date: 12/6/2017 11:15:00 AM

Lab ID: 1712363-003

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	17	1.0		mg/L	1	12/8/2017 9:43:10 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	12	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Aroclor 1221	ND	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Aroclor 1232	ND	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Aroclor 1242	ND	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Aroclor 1248	ND	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Aroclor 1254	ND	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Aroclor 1260	ND	0.25		µg/L	1	12/13/2017 2:57:00 PM	35421
Surr: Decachlorobiphenyl	76.8	34.1-101		%Rec	1	12/13/2017 2:57:00 PM	35421
Surr: Tetrachloro-m-xylene	83.2	22.9-104		%Rec	1	12/13/2017 2:57:00 PM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	1.7	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2,4-Trimethylbenzene	1.7	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 4:57:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 4:57:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 4:57:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-14

Project: Laguna No 6

Collection Date: 12/6/2017 11:15:00 AM

Lab ID: 1712363-003

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1-Dichloroethane	61	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1-Dichloroethene	24	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 4:57:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 4:57:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Vinyl chloride	ND	1.0		µg/L	1	12/8/2017 4:57:00 AM	B47668
Xylenes, Total	ND	1.5		µg/L	1	12/8/2017 4:57:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-14

Project: Laguna No 6

Collection Date: 12/6/2017 11:15:00 AM

Lab ID: 1712363-003

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	12/8/2017 4:57:00 AM	B47668
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	12/8/2017 4:57:00 AM	B47668
Surr: Dibromofluoromethane	101	70-130		%Rec	1	12/8/2017 4:57:00 AM	B47668
Surr: Toluene-d8	100	70-130		%Rec	1	12/8/2017 4:57:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-21B

Project: Laguna No 6

Collection Date: 12/6/2017 11:40:00 AM

Lab ID: 1712363-004

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	16	1.0		mg/L	1	12/8/2017 10:06:09 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Aroclor 1221	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Aroclor 1232	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Aroclor 1242	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Aroclor 1248	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Aroclor 1254	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Aroclor 1260	ND	0.25		µg/L	1	12/13/2017 3:30:00 PM	35421
Surr: Decachlorobiphenyl	81.2	34.1-101		%Rec	1	12/13/2017 3:30:00 PM	35421
Surr: Tetrachloro-m-xylene	87.2	22.9-104		%Rec	1	12/13/2017 3:30:00 PM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 5:19:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 5:19:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 5:19:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-21B

Project: Laguna No 6

Collection Date: 12/6/2017 11:40:00 AM

Lab ID: 1712363-004

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1-Dichloroethane	46	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1-Dichloroethene	14	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 5:19:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 5:19:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Vinyl chloride	ND	1.0		µg/L	1	12/8/2017 5:19:00 AM	B47668
Xylenes, Total	ND	1.5		µg/L	1	12/8/2017 5:19:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-21B

Project: Laguna No 6

Collection Date: 12/6/2017 11:40:00 AM

Lab ID: 1712363-004

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	12/8/2017 5:19:00 AM	B47668
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/8/2017 5:19:00 AM	B47668
Surr: Dibromofluoromethane	103	70-130		%Rec	1	12/8/2017 5:19:00 AM	B47668
Surr: Toluene-d8	97.7	70-130		%Rec	1	12/8/2017 5:19:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-21C

Project: Laguna No 6

Collection Date: 12/6/2017 12:25:00 PM

Lab ID: 1712363-005

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	18	1.0		mg/L	1	12/8/2017 10:24:08 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	91	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Aroclor 1221	ND	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Aroclor 1232	ND	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Aroclor 1242	ND	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Aroclor 1248	ND	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Aroclor 1254	ND	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Aroclor 1260	ND	2.5	D	µg/L	10	12/18/2017 4:30:00 AM	35421
Surr: Decachlorobiphenyl	0	34.1-101	SD	%Rec	10	12/18/2017 4:30:00 AM	35421
Surr: Tetrachloro-m-xylene	0	22.9-104	SD	%Rec	10	12/18/2017 4:30:00 AM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.1	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Toluene	1.3	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Ethylbenzene	2.9	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2,4-Trimethylbenzene	5.8	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 5:42:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 5:42:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 5:42:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Chloroethane	2.1	2.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-21C

Project: Laguna No 6

Collection Date: 12/6/2017 12:25:00 PM

Lab ID: 1712363-005

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1-Dichloroethane	94	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1-Dichloroethene	63	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 5:42:00 AM	B47668
Isopropylbenzene	1.0	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 5:42:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
n-Propylbenzene	1.5	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Trichloroethene (TCE)	1.2	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Vinyl chloride	2.3	1.0		µg/L	1	12/8/2017 5:42:00 AM	B47668
Xylenes, Total	5.5	1.5		µg/L	1	12/8/2017 5:42:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-21C

Project: Laguna No 6

Collection Date: 12/6/2017 12:25:00 PM

Lab ID: 1712363-005

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	12/8/2017 5:42:00 AM	B47668
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	12/8/2017 5:42:00 AM	B47668
Surr: Dibromofluoromethane	101	70-130		%Rec	1	12/8/2017 5:42:00 AM	B47668
Surr: Toluene-d8	99.9	70-130		%Rec	1	12/8/2017 5:42:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-22B

Project: Laguna No 6

Collection Date: 12/6/2017 12:45:00 PM

Lab ID: 1712363-006

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	17	1.0		mg/L	1	12/8/2017 10:46:46 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	1.3	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Aroclor 1221	ND	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Aroclor 1232	ND	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Aroclor 1242	ND	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Aroclor 1248	ND	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Aroclor 1254	ND	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Aroclor 1260	ND	0.25		µg/L	1	12/13/2017 5:09:00 PM	35421
Surr: Decachlorobiphenyl	93.2	34.1-101		%Rec	1	12/13/2017 5:09:00 PM	35421
Surr: Tetrachloro-m-xylene	97.2	22.9-104		%Rec	1	12/13/2017 5:09:00 PM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.6	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 6:04:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 6:04:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 6:04:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-22B

Project: Laguna No 6

Collection Date: 12/6/2017 12:45:00 PM

Lab ID: 1712363-006

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1-Dichloroethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1-Dichloroethene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 6:04:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 6:04:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Vinyl chloride	ND	1.0		µg/L	1	12/8/2017 6:04:00 AM	B47668
Xylenes, Total	ND	1.5		µg/L	1	12/8/2017 6:04:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-22B

Project: Laguna No 6

Collection Date: 12/6/2017 12:45:00 PM

Lab ID: 1712363-006

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	12/8/2017 6:04:00 AM	B47668
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/8/2017 6:04:00 AM	B47668
Surr: Dibromofluoromethane	101	70-130		%Rec	1	12/8/2017 6:04:00 AM	B47668
Surr: Toluene-d8	98.9	70-130		%Rec	1	12/8/2017 6:04:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-22C

Project: Laguna No 6

Collection Date: 12/6/2017 1:15:00 PM

Lab ID: 1712363-007

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	18	1.0		mg/L	1	12/8/2017 11:09:12 PM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	350	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Aroclor 1221	ND	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Aroclor 1232	ND	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Aroclor 1242	ND	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Aroclor 1248	ND	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Aroclor 1254	ND	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Aroclor 1260	ND	2.5	D	µg/L	10	12/18/2017 5:03:00 AM	35421
Surr: Decachlorobiphenyl	0	34.1-101	SD	%Rec	10	12/18/2017 5:03:00 AM	35421
Surr: Tetrachloro-m-xylene	0	22.9-104	SD	%Rec	10	12/18/2017 5:03:00 AM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.4	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Toluene	1.2	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Ethylbenzene	6.3	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2,4-Trimethylbenzene	23	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Naphthalene	6.0	2.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1-Methylnaphthalene	8.1	4.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
2-Methylnaphthalene	9.2	4.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 6:26:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 6:26:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 6:26:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-22C

Project: Laguna No 6

Collection Date: 12/6/2017 1:15:00 PM

Lab ID: 1712363-007

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1-Dichloroethane	54	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1-Dichloroethene	33	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 6:26:00 AM	B47668
Isopropylbenzene	2.1	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 6:26:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
n-Propylbenzene	3.3	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1,1-Trichloroethane	1.9	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Vinyl chloride	1.4	1.0		µg/L	1	12/8/2017 6:26:00 AM	B47668
Xylenes, Total	24	1.5		µg/L	1	12/8/2017 6:26:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-22C

Project: Laguna No 6

Collection Date: 12/6/2017 1:15:00 PM

Lab ID: 1712363-007

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	98.0	70-130		%Rec	1	12/8/2017 6:26:00 AM	B47668
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/8/2017 6:26:00 AM	B47668
Surr: Dibromofluoromethane	101	70-130		%Rec	1	12/8/2017 6:26:00 AM	B47668
Surr: Toluene-d8	100	70-130		%Rec	1	12/8/2017 6:26:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-9

Project: Laguna No 6

Collection Date: 12/6/2017 1:40:00 PM

Lab ID: 1712363-008

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 9060 TOC							Analyst: MAB
Total Organic Carbon	430	1.0		mg/L	1	12/9/2017 12:19:24 AM	R47657
EPA METHOD 8082A: PCB'S							Analyst: SCC
Aroclor 1016	130	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Aroclor 1221	ND	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Aroclor 1232	ND	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Aroclor 1242	ND	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Aroclor 1248	ND	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Aroclor 1254	ND	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Aroclor 1260	ND	2.5	D	µg/L	10	12/18/2017 5:36:00 AM	35421
Surr: Decachlorobiphenyl	0	34.1-101	SD	%Rec	10	12/18/2017 5:36:00 AM	35421
Surr: Tetrachloro-m-xylene	0	22.9-104	SD	%Rec	10	12/18/2017 5:36:00 AM	35421
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.1	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2,4-Trimethylbenzene	1.2	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Acetone	130	10		µg/L	1	12/8/2017 7:13:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
2-Butanone	99	10		µg/L	1	12/8/2017 7:13:00 AM	B47668
Carbon disulfide	15	10		µg/L	1	12/8/2017 7:13:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Chloroethane	3.0	2.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-9

Project: Laguna No 6

Collection Date: 12/6/2017 1:40:00 PM

Lab ID: 1712363-008

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1-Dichloroethane	43	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1-Dichloroethene	14	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 7:13:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 7:13:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Vinyl chloride	1.1	1.0		µg/L	1	12/8/2017 7:13:00 AM	B47668
Xylenes, Total	2.5	1.5		µg/L	1	12/8/2017 7:13:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-6-9

Project: Laguna No 6

Collection Date: 12/6/2017 1:40:00 PM

Lab ID: 1712363-008

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: RAA	
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	12/8/2017 7:13:00 AM	B47668
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	12/8/2017 7:13:00 AM	B47668
Surr: Dibromofluoromethane	102	70-130		%Rec	1	12/8/2017 7:13:00 AM	B47668
Surr: Toluene-d8	98.8	70-130		%Rec	1	12/8/2017 7:13:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-DUP

Project: Laguna No 6

Collection Date: 12/6/2017

Lab ID: 1712363-009

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	2.2	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2,4-Trimethylbenzene	1.3	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Acetone	110	10		µg/L	1	12/8/2017 8:00:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
2-Butanone	100	10		µg/L	1	12/8/2017 8:00:00 AM	B47668
Carbon disulfide	10	10		µg/L	1	12/8/2017 8:00:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Chloroethane	3.0	2.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,1-Dichloroethane	45	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,1-Dichloroethene	13	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 8:00:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: GW-086241-120617-CM-DUP

Project: Laguna No 6

Collection Date: 12/6/2017

Lab ID: 1712363-009

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 8:00:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 8:00:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Vinyl chloride	1.2	1.0		µg/L	1	12/8/2017 8:00:00 AM	B47668
Xylenes, Total	2.5	1.5		µg/L	1	12/8/2017 8:00:00 AM	B47668
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	12/8/2017 8:00:00 AM	B47668
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	12/8/2017 8:00:00 AM	B47668
Surr: Dibromofluoromethane	104	70-130		%Rec	1	12/8/2017 8:00:00 AM	B47668
Surr: Toluene-d8	100	70-130		%Rec	1	12/8/2017 8:00:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: Trip Blank

Project: Laguna No 6

Collection Date: 12/6/2017 2:25:00 PM

Lab ID: 1712363-010

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Toluene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Ethylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Naphthalene	ND	2.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
2-Methylnaphthalene	ND	4.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Acetone	ND	10		µg/L	1	12/8/2017 8:24:00 AM	B47668
Bromobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Bromodichloromethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Bromoform	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Bromomethane	ND	3.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
2-Butanone	ND	10		µg/L	1	12/8/2017 8:24:00 AM	B47668
Carbon disulfide	ND	10		µg/L	1	12/8/2017 8:24:00 AM	B47668
Carbon Tetrachloride	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Chlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Chloroethane	ND	2.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Chloroform	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Chloromethane	ND	3.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
2-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
4-Chlorotoluene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
cis-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Dibromochloromethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Dibromomethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,1-Dichloroethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,1-Dichloroethene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,3-Dichloropropane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
2,2-Dichloropropane	ND	2.0		µg/L	1	12/8/2017 8:24:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1712363

Date Reported: 12/27/2017

CLIENT: GHD

Client Sample ID: Trip Blank

Project: Laguna No 6

Collection Date: 12/6/2017 2:25:00 PM

Lab ID: 1712363-010

Matrix: AQUEOUS

Received Date: 12/6/2017 3:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst: RAA			
1,1-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Hexachlorobutadiene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
2-Hexanone	ND	10		µg/L	1	12/8/2017 8:24:00 AM	B47668
Isopropylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
4-Isopropyltoluene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
4-Methyl-2-pentanone	ND	10		µg/L	1	12/8/2017 8:24:00 AM	B47668
Methylene Chloride	ND	3.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
n-Butylbenzene	ND	3.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
n-Propylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
sec-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Styrene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
tert-Butylbenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
trans-1,2-DCE	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Trichlorofluoromethane	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Vinyl chloride	ND	1.0		µg/L	1	12/8/2017 8:24:00 AM	B47668
Xylenes, Total	ND	1.5		µg/L	1	12/8/2017 8:24:00 AM	B47668
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	12/8/2017 8:24:00 AM	B47668
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	12/8/2017 8:24:00 AM	B47668
Surr: Dibromofluoromethane	106	70-130		%Rec	1	12/8/2017 8:24:00 AM	B47668
Surr: Toluene-d8	98.7	70-130		%Rec	1	12/8/2017 8:24:00 AM	B47668

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17120993-001
Client Sample ID: 1712363-001D, GW-086241-120617-CM-6-40

Report Date: 12/18/17
Collection Date: 12/06/17 10:25
Date Received: 12/12/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.18	mg/L		0.0010		SW8015M	12/14/17 10:14 / jdww
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 10:14 / jdww
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 10:14 / jdww

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17120993-002
Client Sample ID: 1712363-002D, GW-086241-120617-CM-6-13

Report Date: 12/18/17
Collection Date: 12/06/17 10:45
Date Received: 12/12/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.0052	mg/L		0.0010		SW8015M	12/14/17 10:45 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 10:45 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 10:45 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17120993-003
Client Sample ID: 1712363-003D, GW-086241-120617-CM-6-14

Report Date: 12/18/17
Collection Date: 12/06/17 11:15
Date Received: 12/12/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.85	mg/L		0.079		SW8015M	12/14/17 11:16 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 11:02 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 11:02 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Lab ID: B17120993-004

Client Sample ID: 1712363-004D, GW-086241-120617-CM-6-21B

Report Date: 12/18/17

Collection Date: 12/06/17 11:40

Date Received: 12/12/17

Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.0032	mg/L		0.0010		SW8015M	12/14/17 11:28 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 11:28 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 11:28 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17120993-005
Client Sample ID: 1712363-005D, GW-086241-120617-CM-6-21C

Report Date: 12/18/17
Collection Date: 12/06/17 12:25
Date Received: 12/12/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	3.9	mg/L		0.077		SW8015M	12/14/17 11:53 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 11:40 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 11:40 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17120993-006
Client Sample ID: 1712363-006D, GW-086241-120617-CM-6-22B

Report Date: 12/18/17
Collection Date: 12/06/17 12:45
Date Received: 12/12/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	0.21	mg/L		0.0010		SW8015M	12/14/17 12:09 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 12:09 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 12:09 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Lab ID: B17120993-007

Client Sample ID: 1712363-007D, GW-086241-120617-CM-6-22C

Report Date: 12/18/17

Collection Date: 12/06/17 13:15

Date Received: 12/12/17

Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	3.8	mg/L		0.079		SW8015M	12/14/17 12:39 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 12:24 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 12:24 / jdw

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17120993-008
Client Sample ID: 1712363-008D, GW-086241-120617-CM-6-9

Report Date: 12/18/17
Collection Date: 12/06/17 13:40
Date Received: 12/12/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Methane	3.9	mg/L		0.079		SW8015M	12/14/17 13:06 / jdw
Ethane	ND	mg/L		0.0010		SW8015M	12/14/17 12:54 / jdw
Ethene	ND	mg/L		0.0010		SW8015M	12/14/17 12:54 / jdw

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 12/18/17

Work Order: B17120993

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015M							Analytical Run: R291669		
Lab ID:	CCV	Continuing Calibration Verification Standard						12/14/17 08:43	
Methane	490	ppm	2.0	99	85	115			
Ethane	500	ppm	2.0	100	85	115			
Ethene	500	ppm	2.0	100	85	115			
Lab ID: CCV							12/14/17 15:25		
Continuing Calibration Verification Standard									
Methane	510	ppm	2.0	102	85	115			
Ethane	510	ppm	2.0	102	85	115			
Ethene	510	ppm	2.0	102	85	115			
Method: SW8015M							Batch: R291669		
Lab ID:	LCS	Laboratory Control Sample				Run: FID-HEADSPACE_171214A		12/14/17 09:01	
Methane	100	ppm	2.0	100	85	115			
Ethane	100	ppm	2.0	104	85	115			
Ethene	100	ppm	2.0	103	85	115			
Lab ID: MBLK							12/14/17 09:20		
Method Blank							Run: FID-HEADSPACE_171214A		
Methane	ND	mg/L	0.0010						
Ethane	ND	mg/L	0.0010						
Ethene	ND	mg/L	0.0010						
Lab ID: B17120993-001ADUP							12/14/17 10:25		
Sample Duplicate							Run: FID-HEADSPACE_171214A		
Methane	0.181	mg/L	0.0010				0.4	20	
Ethane	ND	mg/L	0.0010					20	
Ethene	ND	mg/L	0.0010					20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712363

27-Dec-17

Client: GHD
Project: Laguna No 6

Sample ID	MB-35421	SampType: MBLK		TestCode: EPA Method 8082A: PCB's						
Client ID:	PBW	Batch ID: 35421		RunNo: 47763						
Prep Date:	12/11/2017	Analysis Date: 12/13/2017		SeqNo: 1526904		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.25								
Aroclor 1221	ND	0.25								
Aroclor 1232	ND	0.25								
Aroclor 1242	ND	0.25								
Aroclor 1248	ND	0.25								
Aroclor 1254	ND	0.25								
Aroclor 1260	ND	0.25								
Surr: Decachlorobiphenyl	1.7		2.500		66.8	34.1	101			
Surr: Tetrachloro-m-xylene	1.5		2.500		59.2	22.9	104			

Sample ID	LCS-35421		SampType: LCS		TestCode: EPA Method 8082A: PCB's					
Client ID:	LCSW		Batch ID: 35421		RunNo: 47763					
Prep Date:	12/11/2017		Analysis Date: 12/13/2017		SeqNo: 1526905		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	4.4	0.25	5.000	0	88.6	29.7	184			
Aroclor 1260	4.6	0.25	5.000	0	91.2	42.1	167			
Surr: Decachlorobiphenyl	1.9		2.500		76.0	34.1	101			
Surr: Tetrachloro-m-xylene	2.2		2.500		88.0	22.9	104			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712363

27-Dec-17

Client: GHD
Project: Laguna No 6

Sample ID 100ng lcs2	SampType: LCS				TestCode: EPA Method 8260B: VOLATILES					
Client ID: LCSW	Batch ID: B47668				RunNo: 47668					
Prep Date:	Analysis Date: 12/8/2017				SeqNo: 1523314	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	70	130			
Toluene	20	1.0	20.00	0	99.4	70	130			
Chlorobenzene	20	1.0	20.00	0	100	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	110	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	99.9	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.9		10.00		99.0	70	130			

Sample ID rb2	SampType: MBLK				TestCode: EPA Method 8260B: VOLATILES					
Client ID: PBW	Batch ID: B47668				RunNo: 47668					
Prep Date:	Analysis Date: 12/8/2017				SeqNo: 1523319	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712363

27-Dec-17

Client: GHD
Project: Laguna No 6

Sample ID rb2	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: B47668			RunNo: 47668						
Prep Date:	Analysis Date: 12/8/2017			SeqNo: 1523319	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712363

27-Dec-17

Client: GHD
Project: Laguna No 6

Sample ID	rb2	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	B47668	RunNo:	47668					
Prep Date:		Analysis Date:	12/8/2017	SeqNo:	1523319	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.9		10.00		99.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712363

27-Dec-17

Client: GHD
Project: Laguna No 6

Sample ID MB	SampType: MBLK			TestCode: EPA Method 9060 TOC						
Client ID: PBW	Batch ID: R47657			RunNo: 47657						
Prep Date:	Analysis Date: 12/8/2017			SeqNo: 1522821		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	1.0								

Sample ID LCS ST9060-17010/	SampType: LCS			TestCode: EPA Method 9060 TOC						
Client ID: LCSW	Batch ID: R47657			RunNo: 47657						
Prep Date:	Analysis Date: 12/8/2017			SeqNo: 1522822		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Organic Carbon	5.3	1.0	4.850	0	108	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1712363

RcptNo: 1

Received By: Isaiah Ortiz 12/6/2017 3:50:00 PM

Isaiah Ortiz

Completed By: Sophia Campuzano 12/7/2017 8:15:40 AM

Sophia Campuzano

Reviewed By: ENM 12/7/17

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐ # of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted? _____
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐ Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Not Present			

www.ghd.com

