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Your Ref.: Incident Number nAUTOfCS000707
Our Ref.: 12603647-NMOCD-1

May 01, 2024

Pueblo of Laguna
Environmental Program
22 Bay Tree Road Bldg. B
Paraje, NM 87007

State of New Mexico
Energy, Minerals, and Natural Resources Department
New Mexico Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210

2023 Annual Groundwater Monitoring Report
Laguna Compressor Station No. 6
Transwestern Pipeline Company, LLC
Cibola County, New Mexico
New Mexico Oil Conservation Division Abatement Plan-103
Incident Number nAUTOfCS000707

To Whom It May Concern:

On behalf of Transwestern Pipeline Company, LLC (Transwestern), GHD Services Inc. (GHD) is submitting the 2023 Annual Groundwater Monitoring Report (Report) for the above-referenced property (Site) to the New Mexico Oil Conservation Division (NMOCD). The Report summarizes activities performed at the Site during 2023 in accordance with the recommendations presented in the *2022 Annual Groundwater Monitoring Report* submitted to the NMOCD in May 2023.

Should you have any questions or comments regarding this submittal, please contact the undersigned.

Regards,

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Encl. 2023 Annual Groundwater Monitoring Report

Copy to: Stacy Boultinghouse, Transwestern

2023 Annual Groundwater Monitoring Report

Laguna Compressor Station No. 6
Cibola County, New Mexico
NMOCD AP-103
Incident Number nAUTOfCS000707

Transwestern Pipeline Company, LLC

May 01, 2024

→ The Power of Commitment

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1. Introduction

This report presents the results of groundwater monitoring activities performed during 2023 by GHD Services Inc. (GHD) at the Transwestern Pipeline Company, LLC (Transwestern) Laguna Compressor Station No. 6 (Site). The Site is located on the Pueblo of Laguna (PoL), approximately 1.5 miles southwest of Laguna, Cibola County, New Mexico (**Figure 1**). Geographical coordinates for the Site are 35° 1' 2.70" North and 107° 24' 15.82" West. The Site is regulated by PoL Department of Environment and Natural Resources (DENR) and the New Mexico Oil Conservation Division (NMOCD) under Abatement Plan (AP) -103 and is associated with incident number nAUTOfCS000707.

1.1 Site Description and Background

The Site consists of an active compressor station and associated equipment. The Site has been in active assessment and remediation since 1989 in response to a Consent Decree issued by the Environmental Protection Agency (EPA). A total of 59 injection and/or groundwater monitoring wells have been installed at the Site between 1992 and 2000, 16 of which have since been plugged and abandoned. **Figure 2** shows the well locations and other Site features.

In the 1980s, the EPA issued a Consent Decree to Transwestern due to the potential release of polychlorinated biphenyls (PCBs) to soils at several Transwestern facilities. Transwestern utilized synthetic lubricating oil containing Aroclor-1242 in a gas turbine at Station 8, which is upstream of the Site. The EPA asserted that PCBs that entered the pipeline during the period Aroclor-1242 was used may have impacted downstream Transwestern facilities. The potential releases of PCBs at the Site may have occurred from natural gas condensate liquid waste generated during pipeline cleaning (pigging) operations. Historically, when the liquids were removed from the pipeline at the Site, they were placed in a concrete-lined impoundment on the eastern side of the Site.

In March 1989, Daniel B. Stephens & Associates (DBS&A) was retained by Transwestern to investigate the hydrogeology at four compressor stations, which included the Site. The results of this investigation revealed the presence of PCBs and halogenated volatile organic compounds (VOCs) within a shallow perched aquifer, 10 to 15 feet below ground surface (ft bgs) at the Site. However, impacts to the regional water table, approximately 40 to 60 ft bgs, were not found.

In October 1990, five continuously cored holes were completed by DBS&A to verify reports of fractures and shallow ground water in the upper and middle Bluff Sandstone. Using fracture information, geophysical electromagnetic surveys, and anion/cation analysis and radioisotope dating, DBS&A determined that the shallow perched aquifer and the deeper regional water table had little correlation with each other and infiltration from the shallow perched zone to the deeper regional water table would be very slow due to the low permeability of the bedrock between the two water-bearing zones. Analytical data and radioisotope dating information also determined that the perched groundwater was indeed characteristically different from groundwater in the deeper aquifer and had likely been influenced by precipitation, waterline leaks at the Site, and infiltration from leaking drain tile fields.

The Consent Decree was terminated in late 1992 when the EPA concluded that Transwestern had met the terms and conditions. Following the termination of the Consent Decree, Transwestern came under the regulatory authority of the PoL DENR and NMOCD for Site monitoring and remediation activities.

Through these initial investigations, it was determined that the primary constituents of concern (COCs) at the Site include PCBs, benzene, tetrachloroethene (PCE), 1,1-dichloroethane (1,1-DCA), 1,2-DCA, 1,1-dichloroethene (1,1-DCE), vinyl chloride, carbon tetrachloride, and chloroform. Between 1992 and 2014, groundwater monitoring continued at the Site to monitor the natural attenuation of the COCs.

A request to plug and abandon the five 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, which was approved by the PoL DENR via email on September 17, 2015.

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In late 2015, a treatability study was conducted by GHD's Innovative Technologies Group using representative samples of soil and groundwater collected from the Site. A representative soil sample consisting of 2 gallons of soil and a representative groundwater sample consisting of 3 gallons of groundwater were collected in October 2015 to conduct the laboratory treatability study. The results of this 12-week study showed that chlorinated VOCs (CVOC) can be treated by enhanced anaerobic biodegradation; however, the data suggested that complete biodegradation will occur but that longer than 12 weeks would be required. It was recommended that anaerobic conditions be enhanced at the Site by the addition of emulsified vegetable oil (EVO) and nutrients. The recommended dosage for the Site per cubic yard (yd^3) of saturated matrix was approximately 3 pounds of 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.

A pilot study injection program was initiated by GHD to test the effectiveness of in-situ enhanced biodegradation (ISEB) at the Site. On September 7, 2016, monitoring well 6-54 was installed between existing wells 6-09 and 6-21 to serve as an injection well for the pilot study. Based on the results of the treatability study, EVO, yeast extract, and nutrients were injected into groundwater via monitoring wells on September 8, 9, 14, and 16, 2016 to enhance the biodegradation of select COCs at the Site. Approximately 900 gallons of solution was injected during the initial study. The solution was injected into monitoring wells 6-9 or 6-54 using a small pump. Monitor wells used to assess the effectiveness of the injection included wells 6-9, 6-13, 6-14, 6-21B, 6-21C, 6-22B, 6-22C, 6-40, and 6-54. Additional injections were performed in 2017, 2018, 2020, 2021, and 2023.

The Semi-annual groundwater monitoring and quarterly injection groundwater monitoring events performed in 2023 are discussed in this report.

1.2 Geology and Hydrogeology

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

A shallow perched aquifer exists within the upper two weathered and fractured zones in the Bluff Sandstone. Depths to perched water are generally 11 to 31 ft bgs and the perched aquifer is approximately 15 ft thick across the Site. All groundwater impacts that have been discovered at the Site are present in this perched aquifer. Generally, perched groundwater flow is toward the northeast. The hydraulic gradient is relatively flat on the western portion of the Site and steepens slightly on the eastern side.

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

2. Groundwater Monitoring

GHD performed monitoring events in March, June, September, and December 2023. The sampling program included gauging, collecting groundwater samples, and bailing EVO, where necessary, from the monitoring wells. Wells where EVO could not be removed completely were not sampled, due to EVO clogging the interface probe, depth to water is impossible to gauge accurately therefore no gauging data was generated.

The entire network of 43 wells (**Figure 2**), including the ISEB injection monitoring wells, were monitored semi-annually in June and December 2023. Of the 43 wells, 30 wells were selected to be sampled as part of each semi-annual event: The nine monitoring wells underlined in the table below were used to assess the effectiveness of the ISEB injections and were included in each quarterly event. Monitoring wells 6-09, 6-54, and 6-22C have historically contained too much EVO to effectively sample the groundwater. Where analytical data is not present for these wells, it

indicates EVO was present and the monitoring well could not be sampled. Additionally, several of the injection monitoring wells have an insufficient amount of groundwater to collect a full suite of samples; therefore, some data will be absent for PCBs, nitrate, sulfate, and TOC depending on how much sample volume is available at the time of groundwater monitoring.

Monitoring Wells Selected for Sampling

6-07	6-10	6-14	6-18	6-20C	6-22B	6-33	6-41	6-45	6-48B
6-08	6-12	6-15	6-19	6-21B	6-22C	6-36	6-42	6-46	6-49B
6-09	6-13	6-16	6-20B	6-21C	6-28	6-40	6-44	6-47	6-54

2.1 Monitoring Well Gauging

GHD personnel measured the depth to groundwater and EVO thickness, if present, in the wells indicated above using an electronic oil/water interface probe (IP). EVO was observed in some of the injection monitoring wells during the quarterly events. The IP was cleaned with laboratory-grade soap and purified water prior to gauging each monitoring well. Depth to groundwater, EVO measurements/observations, and calculated groundwater elevations are summarized in **Table 1**.

Based on the data collected in 2023, groundwater flow is generally east-northeast and is consistent with historical data for the Site. Groundwater potentiometric surface maps for the June and December 2023 monitoring events are presented as Figures 3 and 4. The groundwater gradient was calculated at 0.050 feet per foot (ft/ft) in June and 0.052 ft/ft in November.

2.2 Groundwater Sampling

Following gauging during each 2023 event, GHD personnel utilized dedicated polyethylene bailers to purge a minimum of three well volumes of groundwater or until the well was dry. Purge water generated during gauging and sampling events was placed into dedicated and labeled 55-gallon drums as well as a 275-gal poly tote within secondary containment at the Site and allowed to evaporate. EVO impacted groundwater was placed into dedicated and labeled 55-gallon drums within secondary containment at the Site for eventual disposal off-site. After purging, groundwater quality field parameters of temperature, pH, oxidation reduction potential, and conductivity were collected with a field-calibrated multi-parameter groundwater quality meter to confirm stabilization of the groundwater prior to the collection of groundwater samples. A summary of groundwater field parameters is presented in **Table 2**. The monitoring wells were given time to recover prior to collecting a groundwater sample.

Following purging and confirmation of groundwater stabilization, groundwater samples were collected via dedicated polyethylene bailers, placed in laboratory-prepared sample containers, labeled, packed in a cooler with ice, and transported under chain-of-custody documentation to ALS Life Sciences Division, Environmental laboratory in Houston, Texas. All samples were analyzed for VOCs by United States Environmental Protection Agency (US EPA) SW-846 Method 8260B. Samples collected from monitoring wells 6-09, 6-10, 6-13 through 6-16, 6-18, 6-20C, 6-21B, 6-21C, 6-22B, 6-22C, 6-40, 6-41, 6-45, 6-46 and 6-54 were also analyzed for PCBs by US EPA SW-846 Method 8082. Samples from monitoring wells 6-09, 6-13, 6-14, 6-21B, 6-21C, 6-22B, 6-22C, 6-40, and 6-54 were also analyzed for total organic carbon (TOC) by US EPA Method SW-846 9060 and for sulfate and nitrate by US EPA Method 300.0.

2.3 Quality Assurance/Quality Control

During each groundwater monitoring event, a field duplicate was collected for every 10 samples as a quality assurance/quality control (QA/QC) sample and subsequently submitted for laboratory analysis. A trip blank was also submitted for each shipment of samples as a QA/QC sample for each groundwater monitoring event.

2.4 Analytical Results

The New Mexico Water Quality Control Commission (NMWQCC) mandates that groundwater quality in New Mexico be protected, and has issued groundwater quality standards 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 Secondary Drinking Water Standards set by the EPA based on the Safe Drinking Water Act; therefore, analytical results from the Site are compared to the EPA Maximum Contaminant Levels (MCLs).

The groundwater analytical results for 2023 are summarized in **Table 3**, and the corresponding laboratory analytical reports are included in **Appendix A**. A cumulative summary of analytical results for the Site is presented in **Table 4 (VOCs), Table 5 (PCBs),** and **Table 6 (ISEB Monitoring Wells)**. Concentrations of the primary COCs for the monitoring events are presented on **Figures 5** and **6**. A summary of detected concentrations that exceeded their respective MCLs is discussed below, by sampling event then by type of COC: VOCs, sulfate, and PCBs.

March 2023

1,1-DCA was detected in samples collected from two of the six monitoring wells at concentrations that exceeded their EPA MCL (6-13, 6-40). 1,1-DCE was detected in samples collected from three of the six monitoring wells at concentrations that exceeded their EPA MCL (6-13, 6-40, 6-54).

Sulfate was detected in two of the seven monitoring wells at concentrations that exceeded the EPA MCL (6-21B and 6-22B).

There was an insufficient amount of groundwater present in the monitoring wells to collect a sample for PCBs during the March event.

June 2023

1,1-DCA, was detected in samples collected from four of the 31 monitoring wells at concentrations that exceeded their EPA MCLs (6-12, 6-13, 6-46, 6-47). 1,2-DCA was detected in samples collected from one of the 31 monitoring wells at concentrations that exceeded their EPA MCL (6-36). 1,1-DCE was detected in samples collected from 12 of the 31 monitoring wells at concentrations that exceeded their EPA MCL (6-07, 6-12, 6-13, 6-21B, 6-36, 6-40, 6-45, 6-46, 6-47, 6-49B, 6-54). Carbon tetrachloride was detected in samples collected from two of the 32 monitoring wells at concentrations that exceeded their EPA MCL (6-09, 6-19). Chloroform was detected in the sample collected from 6-19 at a concentration that exceeds the EPA MCL.

Sulfate was detected in two of the eight monitoring wells at concentrations that exceeded the EPA MCL (6-21B and 6-22B).

PCBs were detected in samples collected from three of the 18 monitoring wells sampled for PCBs at concentrations that exceeded the EPA MCL (6-09, 6-22C, 6-54).

September 2023

1,1-DCA and carbon tetrachloride were detected in the sample collected from monitoring well 6-21C at concentrations that exceeded their EPA MCLs.

Sulfate was detected in monitoring well 6-22B at a concentration that exceeded the EPA MCL.

PCBs were detected in samples collected from three of the nine monitoring wells sampled for PCBs at concentrations that exceeded the EPA MCL (6-22C, 6-40, 6-54).

December 2023

Benzene was detected in the sample collected from monitoring well 6-22C and PCE, carbon tetrachloride, and chloroform were detected in monitoring well 6-19 at concentrations that exceeded the EPA MCLs. 1,1-DCA was detected in the samples collected from four of 33 monitoring wells at concentrations that exceeded the EPA MCL (6-

13, 6-20B, 6-46, 6-47). 1,2-DCA was detected in the samples collected from two of the 33 monitoring wells at concentrations that exceeded the EPA MCLs (6-36, 6-44). 1,1-DCE was detected in samples collected from 12 of the 33 monitoring wells at concentrations that exceeded the EPA MCLs (6-07, 6-13, 6-20B, 6-21B, 6-36, 6-40, 6-44, 6-45, 6-46, 6-47, 6-49B, 6-54).

Sulfate was detected in two of the eight monitoring wells at concentrations that exceeded the EPA MCL (6-21B and 6-22B).

PCBs were detected in two of the 18 monitoring wells sampled for PCBs at concentrations that exceeded the EPA MCL (6-22C, 6-54).

3. Summary and Recommendations

3.1 Summary

The following summarizes the information and data presented in this report.

– Benzene, PCE, 1,1-DCA, 1,2-DCA, 1,1-DCE, vinyl chloride, carbon tetrachloride, and chloroform are present in the groundwater at the Site at concentrations that exceed their EPA MCLs; however, concentrations are generally stable or decreasing.
– PCBs are present in the groundwater at the Site at concentrations that exceed the EPA MCLin two wells, 6-22C and 6-54; however, concentrations are generally stable.
– Sulfate is present in the groundwater at the Site at concentrations that exceed the EPA MCL in two wells, 6-21B and 6-22B; however, concentrations are generally stable or decreasing.
– Removing residual EVO from 6-09 and 6-22 via hand-bailing has allowed these wells to be sampled more frequently without the interference of EVO.

3.2 Recommendations

Based on the results of the 2023 groundwater monitoring events, GHD recommends the following.

– Decrease sampling on the ISEB injection monitoring wells from quarterly to semi-annually.
– Conduct Site-wide semi-annual groundwater monitoring events in 2024.
– Continue sampling monitoring wells 6-48, 6-48B, 6-49, 6-49B when water is present to monitor delineation of COCs.

4. Scope and limitations

This report has been prepared by GHD for Transwestern Pipeline Company, LLC and may only be used and relied on by Transwestern Pipeline Company, LLC for the purpose agreed between GHD and Transwestern Pipeline Company, LLC.

GHD otherwise disclaims responsibility to any person other than Transwestern Pipeline Company, LLC arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-06	03/20/17	5911.77	--	12.79	5898.98
	04/16/18		--	15.01	5896.76
	04/02/19		--	13.42	5898.35
	09/23/19		--	13.91	5897.86
	06/15/20		--	14.07	5897.7
	06/01/21		--	15.85	5895.92
	11/30/22		--	12.75	5899.02
6-07	04/22/14	5901.96	--	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
	04/16/18		--	16.69	5885.27
	04/02/19		--	15.70	5886.26
	09/23/19		--	15.26	5886.70
	06/15/20		--	16.04	5885.92
	11/30/20		--	15.55	5886.41
	06/01/21		--	16.32	5885.64
	12/06/21		--	15.74	5886.22
	06/13/22		--	16.36	5885.6
	11/30/22		--	15.79	5886.17
	06/23/23		--	16.94	5885.02
	12/04/23		--	15.85	5886.11
6-08	04/22/14	5896.27	--	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
	04/16/18		--	9.65	5886.62
	04/02/19		--	10.22	5886.05
	09/23/19		--	11.50	5884.77
	06/15/20		--	10.49	5885.78
	11/30/20		--	12.71	5883.56
	06/01/21		--	11.21	5885.06
	12/06/21		--	13.03	5883.24
	06/13/22		--	11.62	5884.65
	11/30/22		--	11.19	5885.08
	06/23/23		--	9.60	5886.67
	12/04/23		--	9.33	5886.94
6-09	04/22/14	5902.77	--	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
	04/16/18		--	12.63	5890.14
	06/04/18		--	10.64	5892.13
	07/10/18		--	9.97	5892.80
	08/13/18		--	10.03	5892.74
	12/12/18		--	12.51	5890.26
	04/02/19		--	14.07	5888.70
	09/23/19		--	13.50	5889.27
	06/15/20		--	13.25	5889.52
	09/15/20		--	14.11	5888.66
	11/30/20		--	12.78	5889.99
	03/08/21		--	--	--
	06/01/21		--	--	--
	09/07/21		12.92	--	--
	12/06/21		15	--	--
	06/13/22		--	16.06	5886.71
	09/12/22		--	--	--
	11/30/22		--	15.03	5887.74
	06/23/23		--	26.64	5876.13
	09/20/23		--	14.89	5887.88
	12/04/23		5.17	17.39	5895.28

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-10	04/22/14	5901.81	--	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
	04/16/18		--	11.20	5890.61
	04/02/19		--	11.30	5890.51
	09/23/19		--	12.36	5889.45
	06/15/20		--	11.7	5890.11
	11/30/20		--	12.18	5889.63
	06/01/21		--	12.18	5889.63
	12/06/21		--	12.36	5889.45
	06/13/22		--	11.97	5889.84
	11/30/22		--	11.67	5890.14
	06/23/23		--	10.03	5891.78
	12/04/23		--	10.06	5891.75
6-11	05/05/15	5901.49	--	DRY	--
	08/02/16		--	15.08	5886.41
	03/20/17		--	15.86	5885.63
	04/16/18		--	15.86	5885.63
	04/02/19		--	16.72	5884.77
	09/23/19		--	15.80	5885.69
	06/15/20		--	16.4	5885.09
	11/30/20		--	16.3	5885.19
	06/01/21		--	17.33	5884.16
	12/06/21		--	16.88	5884.61
	06/13/22		--	17.85	5883.64
	11/30/22		--	16.96	5884.53
	06/23/23		--	17.76	5883.73
	12/04/23		--	16.21	5885.28
6-12	04/22/14	5898.85	--	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
	04/16/18		--	13.35	5885.50
	04/02/19		--	13.97	5884.88
	09/23/19		--	14.94	5883.91
	06/15/20		--	14.26	5884.59
	11/30/20		--	16.27	5882.58
	06/01/21		--	14.92	5883.93
	12/06/21		--	16.97	5881.88
	06/13/22		--	15.98	5882.87
	11/30/22		--	15.51	5883.34
	06/23/23		--	13.94	5884.91
	12/04/23		--	13.35	5885.5
6-13	05/05/15	5900.76	--	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
	04/16/18		--	11.31	5889.45
	06/04/18		--	11.44	5889.32
	07/10/18		--	11.12	5889.64
	08/13/18		--	10.91	5889.85
	12/12/18		--	11.21	5889.55
	04/02/19		--	11.85	5888.91
	09/23/19		--	10.79	5889.97
	06/15/20		--	11.64	5889.12
	09/15/20		--	11.45	5889.31
	11/30/20		--	11.13	5889.63
	03/08/21		--	11.85	5888.91
	06/01/21		--	11.8	5888.96
	09/07/21		--	11.14	5889.62
	12/06/21		--	11.52	5889.24
	06/13/22		--	11.58	5889.18

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Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
	09/12/22		--	11.08	5889.68
	11/30/22		--	10.99	5889.77
	03/09/23		11.46	11.47	5889.3
	06/23/23		--	11.92	5888.84
	09/20/23		--	10.22	5890.54
	12/04/23		--	10.42	5890.34
6-14	04/22/14	5901.34	--	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
	04/16/18		--	13.70	5887.64
	06/04/18		--	13.80	5887.54
	07/10/18		--	14.36	5886.98
	08/13/18		--	14.76	5886.58
	12/12/18		--	15.41	5885.93
	04/02/19		--	14.86	5886.48
	09/23/19		--	14.95	5886.39
	06/15/20		--	14.34	5887
	09/15/20		--	16.3	5885.04
	11/30/20		--	20.13	5881.21
	03/08/21		14.78	--	--
	06/01/21		14.61	17.28	5884.06
	09/07/21		14.49	22.18	5879.16
	12/06/21		14.9	17.65	5883.69
	06/13/22		14.71	14.81	5886.53
	09/12/22		--	14.25	5887.09
	11/30/22		--	15.32	5886.02
	03/09/23		--	14.66	5886.68
	06/23/23		--	17.28	5884.06
	09/20/23		--	13.2	5888.14
	12/04/23		--	12.91	5888.43
6-15	05/05/15	5901.08	--	10.68	5890.40
	08/02/16		--	10.72	5890.36
	03/20/17		--	10.06	5891.02
	04/16/18		--	11.34	5889.74
	04/02/19		--	11.27	5889.81
	09/23/19		--	12.03	5889.05
	06/15/20		--	11.72	5889.36
	11/30/20		--	12.24	5888.84
	06/01/21		--	12.07	5889.01
	12/06/21		--	12.12	5888.96
	06/13/22		--	11.95	5889.13
	11/30/22		--	11.49	5889.59
	06/23/23		--	10.52	5890.56
	12/04/23		--	10.42	5890.66
6-16	04/22/14	5894.32	--	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
	04/16/18		--	13.38	5880.94
	04/02/19		--	15.75	5878.57
	09/23/19		--	15.50	5878.82
	06/15/20		--	16.36	5877.96
	11/30/20		--	16.31	5878.01
	06/01/21		--	17.27	5877.05
	12/06/21		--	17.4	5876.92
	06/13/22		--	18.5	5875.82
	11/30/22		--	17.93	5876.39
	06/23/23		--	23.82	5870.5
	12/04/23		--	19.51	5874.81
	05/05/15		--	19.18	5879.08
	08/02/16		--	19.19	5879.07

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-17	03/20/17	5898.26	--	19.20	5879.06
	04/16/18		--	19.01	5879.25
	04/02/19		--	18.79	5879.47
	09/23/19		--	18.30	5879.96
	06/15/20		--	19.43	5878.83
	11/30/20		--	17.91	5880.35
	06/01/21		--	18.09	5880.17
	12/06/21		--	17.64	5880.62
	06/13/22		--	17.8	5880.46
	11/30/22		--	17.3	5880.96
	06/23/23		--	17.82	5880.44
	12/04/23		--	17.32	5880.94
6-18	05/05/15	5904.70	--	9.20	5895.50
	08/02/16		--	9.58	5895.12
	03/20/17		--	9.02	5895.68
	04/16/18		--	10.68	5894.02
	04/02/19		--	9.89	5894.81
	09/23/19		--	11.28	5893.42
	06/15/20		--	10.8	5893.9
	11/30/20		--	11.57	5893.13
	06/01/21		--	11.86	5892.84
	12/06/21		--	11.27	5893.43
	06/13/22		--	11.36	5893.34
	11/30/22		--	10.26	5894.44
	06/23/23		--	8.91	5895.79
	12/04/23		--	9.43	5895.27
6-19	04/22/14	5906.62	--	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
	04/16/18		--	15.25	5891.37
	04/02/19		--	14.71	5891.91
	09/23/19		--	14.75	5891.87
	06/15/20		--	14.91	5891.71
	11/30/20		--	15.79	5890.83
	06/01/21		--	15.8	5890.82
	12/06/21		--	16.02	5890.6
	06/13/22		--	16.06	5890.56
	11/30/22		--	15.7	5890.92
	06/23/23		--	15.82	5890.8
	12/04/23		--	17.9	5888.72
6-20A	05/05/15	5900.57	--	31.26	5869.31
	08/02/16		--	NM	--
	03/20/17		--	31.09	5869.48
	04/16/18		--	DRY	--
	04/02/19		--	DRY	--
	09/23/19		--	NM	--
	06/15/20		--	--	--
	11/30/20		--	30.56	5870.01
	12/06/21		--	30.08	5870.49
	06/13/22		--	30.51	5870.06
	06/23/23		--	30.45	5870.12
	12/04/23		--	30.36	5870.21
6-20B	04/22/14	5900.67	--	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
	04/16/18		--	11.86	5888.81
	04/02/19		--	12.53	5888.14
	09/23/19		--	12.12	5888.55
	06/15/20		--	11.52	5889.15
	11/30/20		--	13.3	5887.37
	06/01/21		--	12.75	5887.92
	12/06/21		--	13.16	5887.51
	06/13/22		--	12.67	5888
	11/30/22		--	12.48	5888.19

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
	06/23/23		--	19.68	5880.99
	12/04/23		--	10.66	5890.01
6-20C	04/22/14	5900.70	--	12.40	5888.30
	05/05/15		--	11.07	5889.63
	08/02/16		--	DRY	--
	03/20/17		--	10.75	5889.95
	04/16/18		--	11.69	5889.01
	04/02/19		--	12.02	5888.68
	09/23/19		--	12.83	5887.87
	06/15/20		--	12.26	5888.44
	11/30/20		--	13.3	5887.4
	06/01/21		12.66	12.98	5887.72
	12/06/21		--	13.36	5887.34
	06/13/22		--	12.73	5887.97
	11/30/22		--	12.46	5888.24
	06/23/23		--	10.81	5889.89
	12/04/23		--	10.65	5890.05
6-21A	05/05/15	5901.50	--	30.75	5870.75
	08/02/16		--	NM	--
	03/20/17		--	30.54	5870.96
	04/16/18		--	31.11	5870.39
	04/02/19		--	31.90	5869.60
	09/23/19		--	NM	--
	06/15/20		--	31.62	5869.88
	11/30/20		--	31.72	5869.78
	12/06/21		--	31.61	5869.89
	06/13/22		--	31.51	5869.99
	06/23/23		--	31.48	5870.02
	12/04/23		--	31.43	5870.07
6-21B	04/22/14	5901.51	--	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
	04/16/18		--	13.24	5888.27
	06/04/18		--	13.29	5888.22
	07/10/18		--	13.63	5887.88
	08/13/18		--	13.90	5887.61
	12/12/18		--	14.69	5886.82
	04/02/19		--	14.67	5886.84
	09/23/19		--	13.98	5887.53
	06/15/20		--	13.92	5887.59
	09/15/20		--	14.27	5887.24
	11/30/20		--	14.52	5886.99
	03/08/21		--	15.41	5886.1
	06/01/21		14.91	15.72	5885.79
	09/07/21		--	14.53	5886.98
	12/06/21		--	15.08	5886.43
	06/13/22		--	15.07	5886.44
	09/12/22		--	14.78	5886.73
	11/30/22		--	14.87	5886.64
	03/09/23		15.11	15.12	5886.4
	06/23/23		--	16.57	5884.94
	09/20/23		--	13.17	5888.34
	12/04/23		--	14.28	5887.23
	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

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-21C	04/16/18	5901.73	--	13.02	5888.71
	06/04/18		--	13.21	5888.52
	07/10/18		--	13.76	5887.97
	08/13/18		--	13.98	5887.75
	12/12/18		--	14.70	5887.03
	04/02/19		--	14.04	5887.69
	09/23/19		--	14.05	5887.68
	06/15/20		--	13.71	5888.02
	09/15/20		--	14.43	5887.3
	11/30/20		--	13.68	5888.05
	03/08/21		17.76	--	--
	06/01/21		14.5	16.06	5885.67
	09/07/21		14.45	15.85	5885.88
	12/06/21		14.92	15.82	5885.91
	06/13/22		--	14.75	5886.98
	09/12/22		--	14.65	5887.08
	11/30/22		--	14.89	5886.84
	03/09/23		--	14.86	5886.87
	06/23/23		--	15.45	5886.28
	09/20/23		--	13.39	5888.34
	12/04/23		--	13.36	5888.37
6-22A	05/05/15	5902.32	--	DRY	--
	08/02/16		--	NM	--
	03/20/17		--	DRY	--
	04/16/18		--	DRY	--
	04/02/19		--	30.85	5871.47
	09/23/19		--	NM	--
	06/15/20		--	--	--
	11/30/20		--	--	--
	12/06/21		--	DRY	--
	06/23/23		--	--	--
	12/04/23		--	--	--
6-22B	04/22/14	5902.38	--	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
	04/16/18		--	12.77	5889.61
	06/04/18		--	14.95	5887.43
	07/10/18		--	16.63	5885.75
	08/13/18		--	17.64	5884.74
	12/12/18		--	13.42	5888.96
	04/02/19		--	13.49	5888.89
	09/23/19		--	12.53	5889.85
	06/15/20		--	12.54	5889.84
	11/30/20		--	13.2	5889.18
	03/08/21		--	13.55	5888.83
	06/01/21		--	13.43	5888.95
	09/07/21		--	12.92	5889.46
	12/06/21		--	13.09	5889.29
	06/13/22		--	13.3	5889.08
	09/12/22		--	14.85	5887.53
	11/30/22		--	12.82	5889.56
	03/09/23		--	12.93	5889.45
	06/23/23		--	18.88	5883.5
	09/20/23		--	11.45	5890.93
	12/04/23		--	11.64	5890.74
	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

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Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-22C	09/07/17	5902.10	--	11.80	5890.30
	12/05/17		--	12.10	5890.00
	04/16/18		--	11.76	5890.34
	06/04/18		--	12.26	5889.84
	07/10/18		--	12.61	5889.49
	08/13/18		--	12.88	5889.22
	12/12/18		--	12.62	5889.48
	04/02/19		--	11.77	5890.33
	09/23/19		--	12.50	5889.60
	06/15/20		--	12.1	5890
	09/15/20		--	13.03	5889.07
	11/30/20		--	12.75	5889.35
	03/08/21		--	12.48	5889.62
	06/01/21		--	12.32	5889.78
	09/07/21		12.81	--	--
	12/06/21		12.29	13.3	5888.8
	09/12/22		--	11.93	5890.17
	11/30/22		--	11.53	5890.57
	06/23/23		--	10.22	5891.88
	09/20/23		--	10.13	5891.97
	12/04/23		--	10.26	5891.84
6-23	05/05/15	5890.05	--	DRY	--
	08/02/16		--	DRY	--
	03/20/17		--	DRY	--
	04/16/18		--	DRY	--
	04/02/19		--	DRY	--
	09/23/19		--	DRY	--
	06/15/20		--	--	--
	11/30/20		--	--	--
	06/01/21		--	24.95	5865.1
	12/06/21		--	--	--
	11/30/22		--	--	--
	06/23/23		--	--	--
	12/04/23		--	--	--
6-28	04/22/14	5884.74	--	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
	04/16/18		--	25.92	5858.82
	04/02/19		--	25.13	5859.61
	09/23/19		--	24.93	5859.81
	06/15/20		--	24.55	5860.19
	11/30/20		--	26.17	5858.57
	06/01/21		--	26.6	5858.14
	12/06/21		--	26.5	5858.24
	06/13/22		--	26.7	5858.04
	11/30/22		--	26.55	5858.19
	06/23/23		--	26.94	5857.8
	12/04/23		--	26.63	5858.11
6-30	05/05/15	5893.84	--	DRY	--
	08/02/16		--	NM	--
	03/20/17		--	DRY	--
	04/16/18		--	20.30	--
	04/02/19		--	DRY	--
	09/23/19		--	NM	--
	06/15/20		--	--	--
	11/30/20		--	--	--
	06/01/21		--	DRY	--
	11/30/22		--	--	--
	12/04/23		--	--	--
	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
	04/16/18		--	24.77	5862.83
	04/02/19		--	24.07	5863.53

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-33	09/23/19	5887.60	--	23.96	5863.64
	06/15/20		--	23.9	5863.7
	11/30/20		--	24.93	5862.67
	06/01/21		--	25.41	5862.19
	12/06/21		--	24.96	5862.64
	06/13/22		--	25.11	5862.49
	11/30/22		--	24.82	5862.78
	06/23/23		--	25.67	5861.93
	12/04/23		--	25.03	5862.57
6-34	03/20/17	5927.11	--	8.20	5918.91
6-36	04/22/14	5902.12	--	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
	04/16/18		--	11.75	5890.37
	09/23/19		--	10.78	5891.34
	06/15/20		--	11.95	5890.17
	11/30/20		--	11.16	5890.96
	06/01/21		--	11.81	5890.31
	12/06/21		--	11.18	5890.94
	06/13/22		--	11.82	5890.3
	11/30/22		--	11.04	5891.08
	06/23/23		--	11.9	5890.22
	12/04/23		--	10.69	5891.43
6-37	08/02/16	5914.77	--	9.98	5904.79
	03/20/17		--	8.91	5905.86
	04/16/18		--	12.05	5902.72
	04/02/19		--	9.76	5905.01
	09/23/19		--	10.32	5904.45
	06/15/20		--	10.4	5904.37
	06/01/21		--	11.85	5902.92
	11/30/22		--	8.83	5905.94
6-38	03/20/17	5920.89	--	9.81	5911.08
6-39	03/20/17	5920.86	--	10.14	5910.72
6-40	04/22/14	5899.10	--	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
	04/16/18		--	11.98	5887.12
	06/04/18		--	12.11	5886.99
	07/10/18		--	12.49	5886.61
	08/13/18		--	12.64	5886.46
	12/12/18		--	13.73	5885.37
	04/02/19		--	13.30	5885.80
	09/23/19		--	13.20	5885.90
	06/15/20		--	12.68	5886.42
	09/15/20		--	13.87	5885.23
	11/30/20		--	14.65	5884.45
	03/08/21		--	15.52	5883.58
	06/01/21		--	15.05	5884.05
	09/07/21		--	14.71	5884.39
	12/06/21		--	16.46	5882.64
	06/13/22		--	15.09	5884.01
	09/12/22		--	14.61	5884.49
	11/30/22		--	14.44	5884.66
	03/09/23		--	14.25	5884.85
	06/23/23		--	12.98	5886.12
	09/20/23		--	12.29	5886.81
	12/04/23		--	12.28	5886.82
	04/22/14		--	12.55	5883.95
	05/05/15		--	11.32	5885.18
	08/02/16		--	10.47	5886.03

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-41	03/20/17	5896.50	--	10.11	5886.39
	04/16/18		--	10.90	5885.60
	04/02/19		--	12.23	5884.27
	09/23/19		--	12.94	5883.56
	06/15/20		--	12.25	5884.25
	11/30/20		--	14.19	5882.31
	06/01/21		--	12.81	5883.69
	12/06/21		--	14.52	5881.98
	06/13/22		--	13.2	5883.3
	11/30/22		--	12.95	5883.55
	06/23/23		--	11.71	5884.79
	12/04/23		--	11.29	5885.21
6-42	04/22/14	5895.79	--	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
	04/16/18		--	10.91	5884.88
	04/02/19		--	11.86	5883.93
	09/23/19		--	12.36	5883.43
	06/15/20		--	12	5883.79
	11/30/20		--	14.21	5881.58
	06/01/21		--	12.75	5883.04
	12/06/21		--	15.19	5880.6
	06/13/22		--	13.91	5881.88
	11/30/22		--	12.98	5882.81
	06/23/23		--	11.81	5883.98
	12/04/23		--	11.31	5884.48
6-43	05/05/15	5899.39	--	15.00	5884.39
	08/02/16		--	13.89	5885.50
	03/20/17		--	14.01	5885.38
	04/16/18		--	13.64	5885.75
	04/02/19		--	13.70	5885.69
	09/23/19		--	13.03	5886.36
	06/15/20		--	13.69	5885.7
	11/30/20		--	13.2	5886.19
	06/01/21		--	13.89	5885.5
	12/06/21		--	12.3	5887.09
	06/13/22		--	13.69	5885.7
	11/30/22		--	13.41	5885.98
	06/23/23		--	14.48	5884.91
	12/04/23		--	13.6	5885.79
6-44	04/22/14	5902.28	--	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
	04/16/18		--	14.59	5887.69
	04/02/19		--	14.74	5887.54
	09/23/19		--	13.80	5888.48
	06/15/20		--	14.23	5888.05
	11/30/20		--	14.06	5888.22
	06/01/21		--	14.89	5887.39
	12/06/21		--	14.36	5887.92
	06/13/22		--	14.02	5888.26
	11/30/22		--	14.39	5887.89
	06/23/23		--	14.95	5887.33
	12/04/23		--	13.47	5888.81
6-45	04/22/14	5896.15	--	21.24	5874.91
	05/05/15		--	21.09	5875.06
	08/02/16		--	13.97	5882.18
	03/20/17		--	13.61	5882.54
	04/16/18		--	14.05	5882.10
	04/02/19		--	16.59	5879.56
	09/23/19		--	15.79	5880.36
	06/15/20		--	17.65	5878.5
	11/30/20		--	17.52	5878.63
	06/01/21		--	18.86	5877.29

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
	12/06/21		--	18.71	5877.44
	06/13/22		--	19.73	5876.42
	11/30/22		--	19.41	5876.74
	06/23/23		--	21.56	5874.59
	12/04/23		--	19.52	5876.63
6-46	04/22/14	5895.31	--	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
	04/16/18		--	12.61	5882.70
	04/02/19		--	14.25	5881.06
	09/23/19		--	14.14	5881.17
	06/15/20		--	14.06	5881.25
	11/30/20		--	15.48	5879.83
	06/01/21		--	16.2	5879.11
	12/06/21		--	16.26	5879.05
	06/13/22		--	16.95	5878.36
	11/30/22		--	17.01	5878.3
	06/23/23		--	20.99	5874.32
	12/04/23		--	16.44	5878.87
6-47	04/22/14	5897.10	--	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
	04/16/18		--	16.06	5881.04
	04/02/19		--	16.71	5880.39
	09/23/19		--	15.59	5881.51
	06/15/20		--	16.4	5880.7
	11/30/20		--	16.8	5880.3
	06/01/21		--	17.83	5879.27
	12/06/21		--	17.55	5879.55
	06/13/22		--	18	5879.1
	11/30/22		--	17.83	5879.27
	06/23/23		--	18.47	5878.63
	12/04/23		--	17.36	5879.74
6-48	08/02/16	5895.77	--	19.88	5875.89
	03/20/17		--	19.86	5875.91
	04/16/18		--	19.51	5876.26
	04/02/19		--	19.35	5876.42
	09/23/19		--	19.18	5876.59
	06/15/20		--	19.34	5876.43
	11/30/20		--	19.17	5876.6
	06/01/21		--	19.45	5876.32
	12/06/21		--	19.27	5876.5
	06/13/22		--	19.5	5876.27
	11/30/22		--	19.55	5876.22
	06/23/23		--	20.39	5875.38
	12/04/23		--	19.62	5876.15
6-48B (Previously 6-51)	04/22/14	5896.49	--	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
	04/16/18		--	19.42	5877.07
	04/02/19		--	19.33	5877.16
	09/23/19		--	19.07	5877.42
	06/15/20		--	19.41	5877.08
	11/30/20		--	19.26	5877.23
	06/01/21		--	19.48	5877.01
	12/06/21		--	19.41	5877.08
	06/13/22		--	19.14	5877.35
	11/30/22		--	19.54	5876.95
	06/23/23		--	25.17	5871.32
	12/04/23		--	19.89	5876.6
	05/05/15		--	20.73	5873.65
	08/02/16		--	21.54	5872.84
	03/20/17		--	DRY	--

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
6-49	04/16/18	5894.38	--	21.17	5873.21
	04/02/19		--	DRY	--
	09/23/19		--	DRY	--
	06/15/20		--	21.6	5872.78
	11/30/20		--	21.8	5872.58
	06/01/21		--	21.41	5872.97
	12/06/21		--	21.4	5872.98
	06/13/22		--	21.65	5872.73
	11/30/22		--	21.32	5873.06
	06/23/23		--	21.5	5872.88
	12/04/23		--	21.78	5872.6
6-49B (Previously 6-52)	04/22/14	5895.10	--	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
	04/16/18		--	19.39	5875.71
	04/02/19		--	18.74	5876.36
	09/23/19		--	18.49	5876.61
	06/15/20		--	19	5876.1
	11/30/20		--	21.7	5873.4
	06/01/21		--	24.3	5870.8
	12/06/21		--	23.6	5871.5
	06/13/22		--	24.3	5870.8
	11/30/22		--	25.29	5869.81
	06/23/23		--	30.16	5864.94
	12/04/23		--	26.71	5868.39
6-50	05/05/15	5893.70	--	DRY	--
	08/02/16		--	DRY	--
	03/20/17		--	DRY	--
	04/16/18		--	DRY	--
	04/02/19		--	DRY	--
	09/23/19		--	DRY	--
	06/15/20		--	--	--
	11/30/20		--	--	--
	06/01/21		--	DRY	--
	12/06/21		--	DRY	--
	11/30/22		--	--	--
	06/23/23		--	--	--
	12/04/23		--	--	--
6-50B (Previously 6-53)	05/05/15	5894.10	--	DRY	--
	08/02/16		--	DRY	--
	03/20/17		--	DRY	--
	04/16/18		--	DRY	--
	04/02/19		--	DRY	--
	09/23/19		--	DRY	--
	06/15/20		--	DRY	--
	11/30/20		--	DRY	--
	12/06/21		--	DRY	--
	11/30/22		--	--	--
	06/23/23		--	30.66	5863.44
	12/04/23		--	--	--
6-54	03/20/17	--	--	13.01	--
	04/16/18	--	--	13.55	--
	06/04/18	--	--	14.61	--
	07/10/18	--	--	14.08	--
	08/13/18	--	--	14.01	--
	12/12/18	--	--	14.77	--
	04/02/19	--	--	13.35	--
	09/23/19	--	--	13.46	--
	06/15/20	--	--	13.21	--
	09/15/20	--	--	13.57	--
	11/30/20	--	--	13.78	--
	03/08/21	--	--	13.72	--
	06/01/21	--	--	13.51	--
	09/07/21	--	--	14.53	--
	12/06/21	--	--	13.67	--

Table 1

Summary of Groundwater Elevation Data
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	TOC Elevation (feet amsl)	Depth to EVO (feet below TOC)	Depth to Ground Water (feet below TOC)	Ground Water Elevation (feet amsl)
	06/13/22	--	--	13.31	--
	09/12/22	--	--	13.3	--
	11/30/22	--	--	13.03	--
	03/09/23	--	--	12.63	--
	06/23/23	--	--	11.78	--
	09/20/23	--	--	11.75	--
	12/04/23	--	--	11.94	--
6-CH1	02/20/15	5915.10	--	46.81	5868.29
6-CH2	02/20/15	5915.46	--	41.71	5873.75
6-CH3	02/20/15	5916.21	--	15.03	5901.18
6-CH4	02/20/15	5916.75	--	15.32	5901.43
6-CH5	02/20/15	5916.20	--	57.16	5859.04
6-PW1	03/20/17	5916.22	--	10.81	5905.41
6-PW2	03/20/17	5920.04	--	13.41	5906.63
6-PW3	03/20/17	5923.95	--	9.19	5914.76
6-PW4	08/02/16	5917.13	--	14.52	5902.61
	03/20/17		--	13.89	5903.24
	04/16/18		--	15.84	5901.29
6-PW5	03/20/17	5931.44	--	15.35	5916.09
6-PW6	03/20/17	5923.19	--	8.99	5914.20
6-PW7	03/20/17	5928.86	--	14.24	5914.62
6-PW8	03/20/17	5930.34	--	10.76	5919.58

Notes:
1) amsl = above mean sea level
2) TOC = top of casing
3) NM = not measured
4) '-- = not applicable
5) EVO = emulsified vegetable oil
6) Only the last 10 years of groundwater elevation data are presented in this table.

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-06	05/28/97	7.00	7.72	17.0	926
	06/16/98	10.00	6.56	16.9	1134
	06/08/99	8.80	7.81	17.8	1034
	06/28/00	9.20	7.44	15.3	1305
	06/24/01	10.00	7.43	16.1	1342
	04/25/02	9.40	7.75	16.2	1179
	05/24/03	8.80	7.62	16.7	1116
	06/09/04	4.98	7.55	15.5	1024
	03/23/17	5.14	7.46	12.4	2217*
6-07	11/12/96	7.40	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	8.60	7.52	19.2	5420
	12/11/98	6.80	7.46	12.6	2360
	06/08/99	8.23	7.41	14.3	2120
	10/18/99	6.80	7.65	16.2	2330
	06/30/00	9.00	7.54	15.3	2510
	11/18/00	8.40	7.56	17.1	2430
	06/25/01	9.60	7.63	16.3	2440
	10/23/01	8.50	7.59	18.6	2470
	04/24/02	9.10	7.65	15.9	2500
	11/19/02	9.20	7.60	18.6	2540
	05/25/03	8.90	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	3.60	7.18	14.7	3028
	07/24/13	3.75	7.00	16.1	2607
	04/25/14	5.55	7.29	14.0	2550*
	05/05/15	8.82	7.69	14.3	297*
	08/04/16	6.18	7.73	15.9	1327*
	03/23/17	7.93	8.01	12.5	1195*
	04/16/18	7.38	8.03	15.1	--
	04/04/19	6.46	8.14	13.8	1014*
	09/25/19	8.60	8.42	16.2	1460*
	06/19/20	8.66	8.73	14.69	2,331
	12/01/20	6.91	7.88	14.22	2,564
	06/02/21	6.89	7.65	15.17	2,359
	12/07/21	6.35	8.59	15.03	2739
	06/14/22	7.5	8.23	16.37	2,099
	11/30/22	7.52	8.02	15.17	2504
	06/23/23	6.10	8.27	21.96	1956
	12/06/23	7.04	8.82	18.24	2190
	11/12/96	9.70	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	7.50	7.46	16.2	331
	06/08/99	7.30	7.48	14.8	2380
	06/30/00	2.50	7.38	14.8	2360
	06/24/01	4.10	7.44	15.6	2470
	04/25/02	2.70	7.43	15.7	3000
	05/24/03	1.90	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	2.70	7.58	15.6	1396
	08/06/09	3.15	7.10	15.4	2100

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-08	05/20/10	3.10	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	13.4	2330*
	05/05/15	8.72	7.65	13.4	2296*
	08/03/16	5.42	7.69	14.3	1961*
	03/22/17	5.08	7.75	12.0	1810*
	04/17/18	6.72	7.55	13.4	--
	04/04/19	5.90	7.63	13.3	1666*
	09/25/19	7.50	8.14	17.0	1717*
	06/19/20	8.56	8.34	13.3	1,876
	12/01/20	5.50	7.77	14.7	2,203
	06/03/21	2.05	7.34	14.0	1,820
	12/07/21	5.87	8.57	14.9	2276
	11/30/22	6.80	7.67	15.1	2082
	06/15/23	5.65	7.93	23.6	1278
	12/06/23	5.76	9.46	22.9	1341
6-09	11/13/96	4.90	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	3.50	7.06	17.2	1815
	06/09/99	1.90	7.08	15.5	1888
	06/29/00	0.00	6.93	16.0	2260
	06/26/01	--	--	--	--
	04/24/02	--	--	--	--
	05/26/03	--	--	--	--
	06/10/04	--	--	--	--
	05/25/05	--	6.92	15.3	3400
	07/13/06	--	--	--	--
	07/27/07	--	--	--	--
	09/26/08	--	--	--	--
	08/07/09	1.70	6.80	15.5	3390
	05/20/10	--	--	--	--
	09/09/11	--	-	--	--
	06/14/12	--	-	--	--
	07/25/13	--	-	--	--
	04/23/14	1.57	7.00	14.3	3105*
	05/06/15	6.63	6.99	14.2	2288*
	08/03/16	3.02	7.50	16.4	3133*
	03/20/17	Not Sampled Due to Presence of EVO			
	06/06/17	2.41	6.69	14.8	2919*
	09/06/17	4.11	7.96	14.5	2758*
	12/05/17	2.24	7.01	16.0	2907*
	04/17/18	4.30	7.00	13.1	--
	06/05/18	2.09	6.55	16.9	2156*
	07/10/18	--	5.78	19.3	2236*
	08/13/18	0.54	5.21	21.2	1420*
	12/13/18	2.44	7.10	13.6	2348*
	04/04/19	0.65	5.46	14.7	2279*
	09/25/19	1.81	6.36	16.5	1914*
	06/19/20	10.67	8.35	13.32	2,426
	09/16/20	1.68	5.67	16.80	2,480
	03/08/21	Not Sampled Due to Presence of EVO			
	06/01/21	Not Sampled Due to Presence of EVO			
	09/07/21	Not Sampled Due to Presence of EVO			
	12/06/21	Not Sampled Due to Presence of EVO			
	11/30/22	0.05	4.49	16.4	3677
	09/21/23	1.97	4.82	19.8	3840
	12/06/23	0.23	4.41	19.7	3111
	05/30/97	1.92	7.34	17.5	1250
	06/18/98	2.30	7.17	18.3	1557
	06/09/99	2.70	7.11	15.3	1520
	06/29/00	0.00	7.03	15.8	3190

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-10	06/26/01	0.80	7.06	15.5	3760
	04/24/02	1.20	7.08	15.9	3520
	05/26/03	1.20	7.11	16.3	3500
	06/10/04	2.43	6.93	14.5	3472
	05/25/05	--	6.96	14.4	3330
	07/12/06	1.89	7.16	15.5	2475
	07/27/07	1.77	--	14.8	2279
	09/26/08	1.74	7.29	15.7	2183
	08/07/09	1.82	6.80	15.4	3032
	05/20/10	1.99	6.79	14.2	3396
	09/09/11	1.73	6.77	15.5	3407
	06/14/12	2.04	6.76	14.5	3078
	07/25/13	2.55	6.70	15.7	3058
	04/23/14	2.80	6.98	14.1	3122*
	05/06/15	6.59	7.23	13.3	2458*
	08/04/16	3.67	8.11	14.3	2477*
	03/22/17	4.85	7.57	12.6	2398*
	04/17/18	5.91	7.42	13.2	--
	04/04/19	3.97	7.46	12.9	1452*
	09/25/19	6.97	7.85	16.7	1467*
	06/19/20	7.32	8.46	13.1	1,646
	12/01/20	6.40	7.64	12.5	1,641
	06/03/21	1.43	7.17	14.8	1,410
	12/07/21	5.35	8.34	15.1	1484
	11/30/22	5.3	7.1	14.8	1378
	06/15/23	--	7.92	31.0	979
	12/06/23	4.03	1.08	18.0	1188
6-11	05/27/97	9.25	7.45	16.2	4080
	06/17/98	7.20	7.46	16.2	3710
	06/08/99	6.50	7.62	16.2	3470
	06/29/00	1.60	7.21	15.2	4420
	11/19/00	4.20	7.21	17.4	4640
	06/23/01	2.70	7.17	15.5	4690
	10/23/01	3.00	7.18	18.3	4790
	04/23/02	4.50	7.00	16.1	4440
	11/19/02	1.60	7.23	18.4	5620
	05/26/03	4.40	7.17	16.8	5080
	11/13/03	3.00	7.11	15.9	4667
	06/09/04	3.80	7.31	17.6	5180
	03/21/17	3.47	7.55	12.7	5903*
	11/13/96	4.70	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	1.30	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	0.50	7.13	16.5	4020
	06/29/00	0.00	7.06	15.7	3950
	11/20/00	2.20	7.10	17.4	4180
	06/24/01	1.50	7.14	15.5	4460
	10/25/01	5.70	7.29	18.1	4200
	04/23/02	7.20	7.18	16.3	4240
	11/20/02	5.20	7.25	18.4	4200
	05/26/03	5.60	7.24	16.8	4100
	11/14/03	4.77	7.14	16.3	3391
	06/10/04	--	7.18	14.9	3930
	05/26/05	--	7.11	15.0	3640
	07/13/06	4.26	7.14	15.5	2726
	07/27/07	2.96	--	15.0	2671
	09/26/08	2.83	7.39	15.6	2424
	08/07/09	4.97	6.96	15.7	3305
	05/20/10	3.86	6.94	14.4	3639
	09/08/11	1.90	6.95	15.6	6240
	06/13/12	1.01	6.85	14.8	5469
	07/25/13	1.67	6.78	15.8	4290

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	04/23/14	2.73	7.30	14.4	4058*
	05/06/15	4.33	7.15	15.0	3851*
	08/03/16	2.79	7.24	14.4	2932*
	03/22/17	2.70	7.35	13.4	2991*
	04/17/18	6.31	7.35	14.1	--
	04/04/19	4.44	7.34	15.0	1907*
	09/25/19	7.26	7.97	16.9	2177*
	06/19/20	7.02	8.27	13.9	2403
	12/01/20	6.27	7.81	13.4	2643
	12/08/21	6.82	7.62	14.7	2737
	11/30/22	6.84	7.43	14.7	2398
	06/16/23	3.19	8.12	27.0	1430
	12/06/23	5.48	7.38	21.0	1221
6-13	05/29/97	6.63	7.00	20.1	4300
	06/18/98	1.60	6.86	15.2	NA
	06/09/99	4.81	6.74	15.1	5060
	06/28/00	0.70	6.91	15.3	5230
	06/25/01	1.20	6.97	16.1	6010
	04/23/02	1.80	6.93	15.8	5810
	05/25/03	1.00	6.98	16.4	6340
	06/08/04	2.79	6.80	15.3	7938
	12/13/16	6.27	7.09	15.0	3969*
	03/21/17	4.05	7.15	12.9	4589*
	06/06/17	4.55	7.03	14.8	4065*
	09/06/17	2.52	6.96	15.2	3690*
	12/05/17	2.77	7.28	16.1	3457*
	04/17/18	No Parameters Collected Due to Low Volume			
	06/04/18	4.10	7.01	16.8	4036
	07/10/18	--	6.20	18.6	3999**
	08/13/18	3.73	7.17	19.3	3949*
	12/13/18	1.83	8.29	15.0	3767*
	04/04/19	3.19	7.31	14.2	3557*
	09/25/19	5.14	7.78	16.0	4096*
	06/19/20	7.13	8.36	13.2	4046
	09/16/20	5.04	6.64	17.3	4040
	12/01/20	4.03	7.48	14.1	3924
	03/09/21	3.01	7.19	13.3	2747
	06/03/21	2.74	6.97	14.9	3200
	09/08/21	2.35	7.11	18.4	2260
	12/07/21	3.03	8.17	15.5	3549
	03/23/22	7.65	7.04	13.1	3640
	06/14/22	3.64	7.66	16.5	2841
	09/13/22	4.86	6.93	18.2	3271
	11/30/22	5.49	7.62	14.4	3298
	03/10/23	5.16	6.96	14.6	1955
	09/21/23	5.07	6.65	17.7	3643
	12/06/23	2.73	7.48	23.4	2560
	05/29/97	2.08	7.19	18.9	1870
	06/18/98	2.60	7.29	17.1	2260
	06/09/99	3.00	7.09	15.8	2050
	06/29/00	0.00	7.28	15.8	2150
	11/20/00	1.10	7.06	17.4	3580
	06/25/01	0.80	7.12	16.1	2410
	10/25/01	0.50	7.04	18.5	3700
	04/23/02	1.10	6.94	16.0	4130
	11/21/02	1.10	7.03	18.8	4610
	05/27/03	1.20	7.22	16.5	2220
	11/14/03	1.30	6.98	16.2	2774
	06/10/04	5.00	7.19	15.0	2290
	05/26/05	--	7.11	14.7	2140
	07/13/06	1.49	7.16	15.7	1625
	07/27/07	0.88	--	15.1	1483
	09/26/08	0.87	7.29	16.0	2215
	08/07/09	1.12	6.74	15.6	3906

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-14	05/20/10	1.30	6.70	13.8	2473
	09/08/11	0.77	6.80	15.9	2585
	06/13/12	1.04	6.97	14.4	2305
	07/24/13	1.47	6.75	15.8	2577
	04/23/14	1.36	7.01	13.9	2947*
	05/06/15	2.57	7.22	13.8	2486*
	08/03/16	2.30	8.15	14.6	2247*
	12/13/16	6.97	7.10	14.6	2043*
	03/22/17	2.90	7.47	12.8	2353*
	06/06/17	7.78	7.29	14.8	2108*
	09/06/17	2.40	7.23	15.5	1835*
	12/05/17	2.80	7.27	15.0	1709*
	04/17/18	5.84	7.17	13.8	--
	06/04/18	5.23	7.00	15.2	2016*
	07/10/18	--	6.95	16.8	2106*
	08/13/18	4.36	7.27	18.1	2141*
	12/13/18	4.89	8.23	15.0	2352*
	04/04/19	3.70	7.16	13.9	1925*
	09/25/19	4.84	7.64	17.4	1852*
	06/19/20	4.93	8.22	13.5	1941
	09/16/20	1.51	5.76	17.3	2590
	03/08/21	Not Sampled Due to Presence of EVO			
	06/01/21	Not Sampled Due to Presence of EVO			
	09/07/21	Not Sampled Due to Presence of EVO			
	12/08/21	No Parameters Collected Due to Low Volume			
	03/23/22	2.92	5.32	13.6	6080
	09/13/22	12.63	5.60	17.3	4179
	11/30/22	0.34	6.11	16.1	3947
	03/10/23	1.84	5.73	15.5	--
	06/15/23	6.34	6.75	32.2	2803
	09/21/23	0.67	5.79	19.1	4595
	12/06/23	1.50	3.43	21.9	3396
6-15	05/28/97	2.12	7.30	16.8	4120
	06/17/97	1.40	6.90	17.3	1153
	06/08/99	2.90	7.22	19.4	3190
	06/30/00	0.00	6.89	15.4	6570
	06/24/01	1.10	6.94	15.2	6400
	04/25/02	2.10	7.03	15.2	6470
	05/24/03	1.40	7.02	15.8	6160
	06/10/04	5.84	7.31	16.7	5840
	03/22/17	6.02	7.33	11.7	4222*
	04/17/18	6.79	7.40	13.5	--
	04/04/19	5.21	7.49	12.9	1559*
	09/25/19	7.21	7.90	17.3	1825*
	06/19/20	7.50	8.36	13.3	1985
	12/01/20	5.93	7.65	14.1	2522
	06/03/21	2.38	7.25	14.5	1690
	12/07/21	5.90	8.38	14.5	2539
	06/15/23	3.12	7.36	38.1	996
	12/06/23	4.74	5.09	19.8	1322
	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	8.80	7.38	16.6	4140
	12/10/98	8.10	7.71	10.7	4250
	06/07/99	--	7.35	14.5	4040
	10/18/99	7.80	7.53	15.5	4630
	06/27/00	8.90	7.42	14.9	4700
	11/18/00	8.90	7.48	16.9	4880
	06/22/01	--	7.65	15.8	4580
	10/23/01	8.60	7.46	18.0	4860
	04/22/02	10.20	7.52	16.6	4910
	11/19/02	10.70	7.35	18.5	4920
	05/24/03	9.50	7.51	16.8	4830

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Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-16	11/12/03	7.17	7.38	16.0	4274
	06/08/04	7.65	7.35	16.2	4827
	05/23/05	--	7.26	15.1	4950
	07/11/06	7.67	7.36	15.0	3927
	07/26/07	7.91	--	15.5	2242
	09/24/08	8.26	7.80	16.4	3240
	08/05/09	10.48	7.06	16.4	4512
	05/19/10	9.10	7.15	14.3	4687
	09/08/11	2.62	6.79	16.0	5373
	06/13/12	4.60	6.92	14.8	5367
	07/26/13	4.58	6.77	15.5	6945
	04/25/14	3.11	6.96	14.4	7628*
	05/05/15	--	7.11	15.4	--
	08/04/16	6.31	6.90	15.3	8140*
	03/23/17	No Parameters Collected Due to Low Volume			
	04/16/17	4.10	7.77	16.5	--
	04/04/19	2.69	7.24	14.3	4899*
	09/24/19	5.90	7.90	16.0	4544*
	12/01/20	5.67	7.63	14.7	5178
	06/02/21	3.57	7.26	15.6	4543
	12/08/21	3.76	7.29	15.1	5229
	12/06/23	4.80	7.36	20.8	6096
	12/06/23	4.80	7.36	20.8	6096
6-17	05/28/97	8.20	7.50	17.1	4150
	06/16/98	8.40	7.39	21.1	NA
	06/07/99	--	7.49	15.7	3900
	06/27/00	8.60	7.51	15.1	4970
	06/22/01	--	7.68	16.9	4820
	04/22/02	9.40	7.60	17.0	5770
	05/24/03	8.80	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			
	05/28/97	8.42	7.77	16.1	938
	06/16/98	8.70	6.44	19.0	958
	06/08/99	8.00	7.65	15.7	1092
	06/29/00	7.00	7.64	16.4	1169
	06/24/01	7.30	7.51	16.1	1260
	04/25/02	6.20	7.62	15.0	1105
	05/25/03	4.80	7.66	16.3	978
	06/10/04	7.50	7.57	15.2	1011
	03/22/17	4.09	7.49	10.6	1581*
	04/17/18	5.63	7.50	12.8	--
	04/04/19	3.94	7.49	12.5	1499*
	09/24/19	6.78	7.26	17.5	1316*
	06/19/20	6.57	8.52	13.6	1639
	12/01/20	4.97	7.66	13.7	1852
	06/03/21	4.20	7.22	14.9	1240
	12/07/21	5.99	8.39	14.6	1300
	11/30/22	5.55	7.30	14.0	1209
	06/16/23	5.12	8.16	22.8	891
	12/06/23	5.38	9.46	18.1	833
	05/28/97	9.01/8.0	7.48	18.5	3995
	06/16/98	10.50	7.35	15.6	4800
	06/08/99	4.59	7.00	14.2	4810
	06/30/00	2.20	7.11	15.2	6730
	06/23/01	4.80	7.12	16.1	6930
	04/24/02	2.80	7.08	16.3	10720
	05/24/03	2.60	6.97	16.8	12600
	06/09/04	4.15	6.77	16.5	1293
	05/25/05	--	6.71	16.4	1263
	07/12/06	3.74	6.77	15.8	10350
	07/26/07	2.09	--	15.4	9995
	09/25/08	2.64	7.03	16.0	8930

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-19	08/06/09	4.31	6.60	15.8	11880
	05/19/10	4.61	6.53	14.3	12460
	09/08/11	1.85	6.31	16.1	12500
	06/13/12	3.32	6.29	14.9	12220
	07/25/13	4.70	6.31	16.5	11430
	04/25/14	--	--	--	--
	05/05/15	7.97	6.59	14.7	12631*
	08/04/16	5.67	7.16	15.2	11352*
	03/23/17	No Parameters Collected Due to Low Volume			
	04/16/18	6.93	7.12	16.7	--
	04/04/19	6.43	7.28	13.4	3152*
	09/24/19	8.06	7.58	17.2	4708*
	06/19/20	9.19	8.79	14.3	4709
	12/01/20	7.67	7.37	13.2	5991
	06/02/21	6.96	7.22	14.9	3807
	12/07/21	6.61	8.09	15.0	3993
	06/14/22	7.78	7.83	17.4	3533
	11/30/22	8.04	7.83	11.3	3250
	06/15/23	6.90	6.66	20.7	3044
	12/06/23	7.19	7.73	17.8	3796
	12/06/23	7.19	7.73	17.8	3796
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	9.40	7.12	15.5	6250
	12/10/98	6.20	7.22	14.2	6250
	06/08/99	7.79	6.17	15.0	5600
	10/16/99	7.70	7.25	16.2	6100
	06/30/00	9.20	7.12	15.3	6070
	11/20/00	7.50	7.18	17.3	5910
	06/25/01	9.00	7.16	15.6	6020
	10/23/01	8.70	7.19	18.6	6100
	04/20/02	9.70	7.18	15.9	6170
	11/19/02	8.70	7.20	18.3	6060
	05/24/03	8.20	7.20	16.4	6040
	11/13/03	7.16	6.87	15.7	5229
	06/08/04	7.33	6.98	15.3	5994
	05/25/05	--	7.16	15.9	6070
	07/12/06	6.67	7.14	15.5	4858
	07/26/07	6.68	--	14.7	4958
	09/24/08	6.34	7.42	15.9	4472
	08/05/09	9.24	6.94	15.9	5874
	05/19/10	8.59	6.79	13.8	5928
	09/08/11	4.26	6.99	15.7	5706
	06/13/12	7.48	6.64	14.9	5794
	07/25/13	6.61	6.78	15.3	5657
	04/24/14	--	--	--	--
	05/06/15	8.30	7.49	14.2	6359*
	08/04/16	8.25	7.70	14.7	5698*
	03/23/17	6.89	8.02	13.3	6309*
	04/17/18	7.24	7.52	13.8	--
	04/04/19	5.97	7.60	14.2	5072*
	09/25/19	7.92	7.92	16.7	4383*
	06/19/20	7.63	8.51	13.2	5501
	12/01/20	6.67	7.70	14.3	5610
	06/03/21	5.41	7.29	14.7	4740
	12/07/21	6.13	8.28	15.0	5213
	12/06/23	5.82	7.38	18.6	4191
	11/13/96	2.30	6.95	17.5	1290
	05/29/97	2.39	7.18	15.7	1570
	11/14/97	0.40	7.02	14.0	1620
	06/18/98	1.70	7.05	17.8	NA
	12/08/98	1.70	7.00	13.8	1800
	06/09/99	0.90	7.04	16.4	1788

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-20C	10/18/99	0.10	7.09	16.8	2190
	07/01/00	0.50	7.10	15.7	1871
	11/20/00	2.20	7.09	17.2	2400
	06/26/01	1.20	7.06	16.0	2520
	10/25/01	1.00	7.01	19.1	2840
	04/24/02	1.00	7.06	15.6	2300
	11/20/02	1.40	7.02	18.5	2590
	05/26/03	0.90	7.08	16.4	2360
	11/13/03	1.42	6.96	15.9	2209
	06/09/04	0.60	6.87	15.4	2174
	05/26/05	--	7.02	14.0	1612
	07/12/06	2.01	7.19	16.0	1652
	07/27/07	1.28	--	15.6	1276
	09/25/08	1.97	7.39	17.2	1395
	08/06/09	2.17	6.82	16.3	3393
	05/20/10	1.65	6.77	13.7	2383
	09/08/11	2.00	6.93	17.1	2620
	06/13/12	1.62	6.78	14.7	2330
	07/24/13	2.86	6.64	16.0	2421
	04/23/14	1.56	7.25	13.2	2214*
	05/06/15	4.98	7.02	14.0	2887*
	08/04/16	1.45	7.80	14.8	2208*
	03/21/17	1.08	7.31	11.6	2202*
	04/17/18	3.33	7.24	13.3	--
	04/04/19	2.20	7.27	13.7	1863*
	09/25/19	2.79	7.74	16.4	1761*
	06/19/20	3.28	8.58	13.2	1884
	12/01/20	2.10	7.40	14.4	2150
	11/30/22	0.79	6.60	15.3	2050
	12/06/23	1.42	7.43	18.1	1687
6-21A	03/21/17	6.41	7.45	13.8	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	5.50	7.17	15.4	4260
	12/09/98	0.30	7.00	14.9	4500
	06/08/99	3.72	7.08	16.4	3760
	10/16/99	1.10	7.08	16.8	4300
	07/01/00	0.20	6.97	15.7	4300
	11/20/00	1.40	7.07	17.3	4180
	06/25/01	1.10	7.01	15.9	4270
	10/23/01	0.50	7.04	18.4	4030
	04/22/02	1.70	7.07	15.8	4280
	11/20/02	1.40	7.04	18.7	4400
	05/26/03	1.20	7.13	16.6	4130
	11/13/03	1.28	6.92	15.9	3692
	06/08/04	2.36	6.89	15.3	4274
	05/25/05	--	6.97	15.6	4160
	07/12/06	2.13	7.14	16.2	3410
	07/26/07	2.00	--	14.9	3422
	09/24/08	1.98	7.28	16.2	3209
	08/05/09	2.51	6.81	16.1	4291
	05/19/10	2.01	6.65	14.0	4310
	09/08/11	1.15	6.93	16.3	4230
	06/13/12	1.86	6.81	16.2	4103
	07/25/13	2.24	6.70	15.6	4033
	04/24/14	--	--	--	--
	05/06/15	8.24	7.32	14.0	3542*
	08/04/16	6.45	7.75	17.2	3285*
	12/13/16	5.73	6.97	14.6	3415*
	03/23/17	6.14	7.67	13.2	3430*
	06/06/17	7.74	7.21	14.6	3014*
	09/06/17	7.01	6.98	15.1	3083*
	12/05/17	4.82	7.53	15.5	2931*

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	04/17/18	4.93	7.35	14.1	--
	06/04/18	6.67	7.17	15.2	2960*
	07/10/18	--	7.09	16.8	3437*
	08/13/18	6.66	7.45	18.8	3313*
	12/13/18	4.51	8.10	14.2	3819*
	04/04/19	4.59	7.43	14.1	3505*
	09/25/19	6.52	7.90	15.7	3295*
	06/19/20	7.68	8.81	13.7	3598
	09/16/20	5.25	6.45	16.5	3720
	12/01/20	5.18	7.60	13.7	3931
	03/09/21	4.44	7.31	13.6	1943
	06/01/21	Not Sampled Due to Presence of EVO			
	09/08/21	0.31	7.11	22.4	1621
	12/06/21	Not Sampled Due to Presence of EVO			
	03/23/22	2.34	7.27	14.1	3440
	06/14/22	1.33	7.43	17.5	2603
	09/23/22	5.59	6.91	17.3	2097
	11/30/22	2.05	7.11	16.0	3450
	03/10/23	2.57	6.76	14.7	--
	09/21/23	2.45	6.77	19.6	3870
	12/06/23	3.02	7.54	15.4	3073
6-21C	11/13/96	3.90	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	1.80	7.09	17.5	NA
	12/09/98	1.70	7.05	15.1	1830
	06/09/99	1.60	7.10	14.9	1741
	10/18/99	0.60	7.12	17.1	1706
	07/01/00	0.10	7.10	16.2	1710
	11/20/00	1.50	7.17	17.4	1617
	06/26/01	1.10	7.11	16.6	1658
	10/23/01	0.80	7.11	19.0	1705
	04/23/02	--	7.03	15.5	1762
	11/20/02	1.40	7.11	18.7	1699
	05/26/03	1.30	7.16	16.9	1682
	11/13/03	1.39	7.01	16.0	1524
	08/09/04	--	7.00	17.0	1787
	05/25/05	--	7.04	14.7	1716
	07/12/06	1.90	7.21	16.5	1434
	07/27/07	1.95	--	15.9	1514
	09/25/08	1.90	7.41	17.5	1387
	08/06/09	1.95	6.89	16.7	1730
	05/20/10	1.97	6.79	13.9	1767
	09/09/11	2.25	7.05	16.6	1539
	06/13/12	1.57	6.88	16.3	1625
	07/24/13	1.92	6.77	17.3	1751
	04/23/14	--	7.47	13.5	1965*
	05/06/15	7.10	6.94	13.6	2258*
	08/04/16	3.97	7.47	15.7	2160*
	12/13/16	4.89	6.32	14.3	1916*
	03/21/17	2.73	7.24	12.1	2279*
	06/06/17	1.60	6.95	14.6	2067*
	09/07/17	2.63	7.25	17.8	3138*
	12/05/17	1.85	7.28	16.9	1724*
	04/17/18	3.17	7.13	14.5	--
	06/04/18	2.84	5.51	15.8	2112
	07/10/18	--	5.82	18.2	2904
	08/13/18	1.76	6.29	20.1	2925
	12/13/18	No Parameters Collected Due to Low Volume			
	04/04/19	1.56	7.05	14.1	2671
	09/25/19	No Parameters Collected Due to Low Volume			
	09/16/20	1.63	6.45	18.5	2840
	03/08/21	Not Sampled Due to Presence of EVO			
	06/01/21	Not Sampled Due to Presence of EVO			
	09/07/21	Not Sampled Due to Presence of EVO			

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	12/06/21	Not Sampled Due to Presence of EVO			
	09/21/23	3.46	5.07	19.7	3274
	12/06/23	3.28	5.78	18.1	2184
6-22B	11/11/96	NA	7.06	19.5	4400
	05/27/97	3.40	7.14	17.9	4640
	11/13/97	2.90	6.89	15.0	5200
	06/16/98	1.60	6.89	15.6	6460
	12/09/98	0.30	6.88	14.5	6610
	06/09/99	2.54	6.94	14.6	6150
	10/16/99	2.20	7.10	16.3	6390
	06/30/00	0.40	6.92	15.5	6350
	11/20/00	1.60	6.98	17.2	6130
	06/25/01	1.40	6.94	15.6	6250
	10/23/01	1.00	6.94	18.5	6440
	04/22/02	1.50	6.90	15.7	6490
	11/19/02	1.40	6.99	18.4	6440
	05/24/03	0.90	6.94	16.3	6260
	11/13/03	2.70	6.79	15.2	5530
	06/08/04	2.20	6.73	15.5	6322
	05/25/05	--	6.79	15.7	6390
	07/12/06	2.43	7.07	15.5	5086
	07/26/07	1.11	--	15.5	5292
	09/25/08	1.28	7.14	16.3	4776
	08/05/09	2.11	6.58	15.9	6204
	05/19/10	2.67	6.50	13.7	6292
	09/08/11	1.38	6.72	16.1	6041
	06/13/12	2.44	6.76	14.8	6153
	07/25/13	1.66	6.56	15.9	6059
	04/24/14	--	--	--	--
	05/06/15	9.27	7.21	14.0	6676*
	08/04/16	3.79	7.23	17.9	6340*
	12/13/16	4.29	7.01	14.7	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			
	04/17/18	4.41	7.22	13.8	--
	06/04/18	2.41	6.80	18.2	5899
	07/10/18	No Parameters Collected Due to Low Volume			
	08/13/18	No Parameters Collected Due to Low Volume			
	12/13/18	5.01	8.95	10.7	6475
	04/04/19	2.59	7.20	14.5	5518
	09/25/19	No Parameters Collected Due to Low Volume			
	03/09/21	No Parameters Collected Due to Low Volume			
	06/03/21	No Parameters Collected Due to Low Volume			
	09/08/21	No Parameters Collected Due to Low Volume			
	12/07/21	No Parameters Collected Due to Low Volume			
	11/30/22	6.51	6.70	15.7	5013
	03/10/23	3.85	6.82	18.6	--
	09/21/23	1.52	5.99	18.4	4532
	12/06/23	2.46	8.14	18.7	4854
	11/13/96	2.60	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	1.40	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	--	--	--	--

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-22C	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	13.3	3322*
	05/06/15	4.90	6.95	13.5	2363*
	08/03/16	3.02	7.29	15.6	3207*
	12/13/16	3.35	7.06	14.1	2005*
	03/22/17	2.51	7.18	11.9	2756*
	06/06/17	3.25	7.00	14.7	2093*
	09/07/17	2.04	8.19	16.0	2004*
	12/05/17	1.57	7.23	15.2	1693*
	04/17/18	3.11	7.14	13.6	--
	06/04/18	2.85	7.06	16.5	2180*
	07/10/18	--	6.60	18.8	2087*
	08/13/18	1.11	7.18	20.8	2025*
	12/13/18	4.03	8.15	13.7	2348*
	04/04/19	0.60	7.17	14.5	2069*
	09/25/19	7.65	7.65	17.8	1850*
	06/19/20	3.25	8.49	13.7	2089
	09/16/20	0.52	5.81	17.9	1930
	03/09/21	1.15	6.41	13.8	1952
	06/03/21	1.94	6.24	15.2	2210
	09/07/21	Not Sampled Due to Presence of EVO			
	12/06/21	Not Sampled Due to Presence of EVO			
	06/14/22	0.35	6.74	18.0	2119
	09/23/22	9.15	6.32	19.9	2456
	11/30/22	0.85	6.81	15.4	2179
	06/15/23	1.05	6.70	25.5	1345
	09/21/23	1.15	5.79	18.8	1901
	12/06/23	1.62	6.43	16.4	1678
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	10.40	7.68	19.8	3220
	06/07/99	--	7.70	14.5	2950
	06/27/00	7.30	7.72	14.9	3180
	06/22/01	--	7.93	16.4	3260
	04/22/02	8.40	7.80	17.5	3330
	05/24/03	7.60	7.85	16.6	3200
	06/08/04	6.42	7.60	15.3	3263
	05/19/10	7.63	7.44	14.2	3251
	09/08/11	3.97	7.29	16.3	3104
	06/13/12	6.85	7.33	15.8	3141
	07/26/13	6.47	7.36	15.4	3091
	04/25/14	6.50	6.85	14.5	3054*
	03/21/17	6.85	7.83	14.3	3494*
6-30	11/11/96	10.84	7.88	18.0	1710
	05/27/97	9.12	7.81	19.2	1800
	11/12/97	7.33	7.88	16.0	810
	06/16/98	8.00	7.63	17.1	1700
	06/07/99	--	7.83	17.5	1900
	06/27/00	5.40	7.43	15.1	2510
	06/22/01	6.90	7.71	15.4	2280
	04/22/02	8.20	7.64	16.6	2320
	05/24/03	1.00	7.35	16.8	2590

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
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Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	06/08/04	6.64	7.05	15.8	3054
6-33	05/28/97	7.58	7.59	19.5	2880
	06/16/98	7.60	7.40	32.6	3110
	06/07/99	--	7.51	15.3	2730
	06/27/00	7.80	7.55	14.7	3140
	06/22/01	--	--	--	--
	04/22/02	9.10	7.64	16.9	3290
	05/24/03	7.60	7.63	16.5	3200
	06/08/04	6.22	7.39	15.3	3226
	05/19/10	7.74	7.25	14.2	3217
	09/08/11	3.80	7.26	16.5	3044
	06/13/12	6.42	7.36	14.9	3077
	07/26/13	4.42	7.11	15.5	2974
	04/25/14	5.92	7.24	14.8	3091*
	03/23/17	5.16	7.67	13.6	3877*
	06/16/23	5.50	8.15	22.2	2133
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	1.90	6.80	17.2	2640
	06/09/99	3.07	6.58	15.8	3000
	06/27/00	0.00	6.82	16.4	2200
	06/23/01	0.50	7.10	16.4	2300
	04/25/02	0.60	6.97	15.3	2060
	05/26/03	0.70	6.92	16.3	1637
	06/10/04	1.86	6.74	14.8	1479
	05/26/05	--	6.69	15.4	1541
	07/11/06	1.47	6.73	16.7	1366
	07/27/07	1.93	--	15.5	1371
	09/25/08	1.43	7.04	17.0	1326
	08/07/09	1.61	6.56	16.2	2581
	03/21/17	2.68	7.41	12.3	1246*
6-35	05/28/97	3.37	7.01	16.6	2420
	06/17/98	1.20	6.65	17.4	1678
	12/10/98	1.30	6.98	13.3	1840
	06/08/99	1.90	6.92	17.4	2730
	10/18/99	0.00	6.88	18.1	2050
	06/28/00	0.00	6.80	16.5	2140
	11/18/00	1.40	6.95	17.9	2240
	06/23/01	0.60	6.76	16.7	1734
	10/25/01	1.10	7.00	19.8	1924
	04/25/02	1.10	6.97	16.0	1901
	11/21/02	1.30	6.96	19.5	1833
	05/26/03	0.40	7.00	16.5	1724
	11/13/03	0.95	6.74	17.3	1531
	06/10/04	1.24	6.72	15.4	1719
	05/26/05	--	6.76	15.7	1628
	07/11/06	1.45	6.76	17.3	1445
	Plugged and Abandoned				
	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	6.00	6.89	17.6	435
	12/11/98	4.30	6.95	13.5	3670
	06/09/99	8.67	6.87	14.6	3510
	10/18/99	4.90	7.07	16.7	3550
	07/01/00	6.40	7.07	15.4	3540
	11/19/00	5.40	7.05	17.7	3650
	06/25/01	5.00	7.09	15.9	3680
	10/24/01	2.60	7.03	19.2	4010
	04/25/02	4.90	7.20	16.2	3690
	11/21/02	3.60	7.15	18.9	3780

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
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Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-36	05/27/03	6.20	7.24	16.7	3520
	11/13/03	5.66	7.13	16.5	3041
	06/08/04	5.41	7.11	15.3	3441
	05/25/05	--	7.23	14.4	3460
	07/12/06	4.93	7.22	16.3	2802
	07/26/07	5.11	--	15.7	2832
	09/25/08	5.02	7.47	16.5	2509
	08/06/09	6.01	7.01	16.2	3222
	05/19/10	7.50	6.96	14.0	3223
	09/08/11	3.76	7.05	16.8	3061
	06/13/12	6.44	7.08	15.3	3100
	07/24/13	6.03	6.88	16.9	3020
	04/24/14	6.76	7.31	14.2	2969*
	05/06/15	--	--	--	--
	08/04/16	3.49	7.41	16.3	3477*
	03/23/17	2.88	7.43	13.3	3645*
	04/16/18	6.85	7.58	15.8	--
	04/04/19	5.85	7.54	14.2	4191*
	09/25/19	7.67	7.84	16.7	3749*
	06/15/20	7.96	8.83	13.5	4199
	12/01/20	6.63	7.64	14.4	4458
	06/03/21	3.75	6.85	15.1	3890
	12/07/21	6.20	8.27	15.4	4567
	06/14/22	7.46	8.20	16.5	3316
	11/30/22	7.36	7.57	14.4	4209
	06/15/23	6.87	7.37	21.4	3479
	12/06/23	7.44	7.74	17.4	4053
6-37	11/13/96	5.50	7.01	17.5	1200
	05/29/97	5.00	7.15	16.1	1385
	11/14/97	5.53	6.95	14.4	1290
	06/17/98	4.00	7.18	17.0	1438
	12/10/98	3.40	7.23	13.8	1373
	06/09/99	--	7.18	16.8	1470
	10/18/99	0.40	7.17	17.7	1304
	06/27/00	2.20	7.14	16.8	1311
	11/20/00	4.20	7.26	18.0	1334
	06/25/01	4.60	7.18	16.6	1407
	04/24/02	7.90	7.34	16.3	2120
	11/21/02	3.10	7.07	19.4	1475
	05/27/03	2.50	7.17	16.8	1833
	11/13/03	2.85	7.13	16.8	1539
	06/10/04	3.25	7.11	15.5	1373
	05/26/05	--	7.06	15.2	1290
	07/13/06	7.12	7.07	16.9	1678
	07/27/07	5.85	--	16.0	1635
	09/26/08	6.48	7.45	17.3	1601
	08/07/09	7.77	7.12	16.3	2186
	03/21/17	4.43	7.65	12.5	1844*
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	--	--	--	--
	03/21/17	1.82	8.11	13.7	1234*
	11/12/96	NA	6.99	19.0	2600
	05/27/97	3.00	7.24	17.8	2910
	11/13/97	2.97	7.21	16.2	1120
	06/08/99	--	--	--	--
	06/28/00	--	--	--	--
	06/26/01	--	--	--	--

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-39	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	13.7	2906*
6-40	12/10/98	5.40	7.03	12.1	1894
	06/08/99	5.14	6.96	15.1	1690
	10/16/99	1.40	7.17	16.7	2030
	07/01/00	0.70	7.11	15.4	1822
	11/20/00	2.70	7.27	17.3	2160
	06/25/01	1.70	7.07	16.9	1869
	10/23/01	0.90	7.12	18.4	1950
	04/23/02	1.20	7.03	16.2	1952
	11/20/02	1.80	7.18	18.6	2040
	05/26/03	0.80	7.14	16.8	1780
	11/13/03	1.03	7.00	16.1	1609
	06/10/04	4.25	7.20	14.6	1844
	05/24/05	--	7.10	15.7	1793
	07/12/06	1.67	7.20	15.8	1403
	07/26/07	1.45	--	15.2	1373
	09/25/08	2.05	7.41	16.3	1385
	08/06/09	1.60	6.91	15.8	1934
	05/20/10	2.50	6.90	14.1	1924
	09/09/11	1.94	6.95	15.7	1814
	06/14/12	1.35	6.93	14.7	1782
	07/25/13	2.01	6.78	15.9	1928
	04/23/14	1.72	7.21	14.2	1981*
	05/06/15	5.98	7.04	14.2	2288*
	08/03/16	4.41	7.39	14.9	2189*
	12/13/16	6.49	7.11	15.0	2007*
	03/22/17	5.10	7.46	13.2	2350*
	06/06/17	5.26	7.16	15.6	2089*
	09/07/17	4.26	7.34	16.6	1787*
	12/05/17	3.17	7.35	14.8	1656*
	04/17/18	3.70	7.17	14.1	--
	06/04/18	6.91	7.06	15.8	1978*
	07/10/18	--	7.18	17.0	2039*
	08/13/18	5.87	7.26	18.9	1985*
	12/13/18	5.00	8.08	14.8	2047*
	04/04/19	3.66	7.26	16.0	1928*
	09/25/19	5.56	7.71	17.9	1829*
	06/19/20	3.90	8.46	14.3	1974
	09/16/20	3.88	6.44	17.3	2080
	12/01/20	2.12	7.45	13.5	2255
	03/09/21	2.15	7.33	13.2	1596
	06/02/21	3.73	7.23	15.3	2034
	09/08/21	2.18	7.20	18.6	1510
	12/07/21	4.64	8.19	15.0	2139
	03/23/22	6.75	7.19	13.6	2270
	06/14/22	5.31	7.80	17.5	1696
	09/23/22	11.29	6.72	18.9	2097
	11/30/22	3.74	6.87	15.9	2105
	03/10/23	8.45	7.20	12.4	--
	06/15/23	2.85	7.27	21.5	1505
	09/21/23	2.90	5.85	17.7	1962
	12/06/23	3.21	6.72	19.8	1532
	12/10/98	7.20	7.55	13.0	2450
	06/08/99	5.78	7.09	15.8	1630
	10/16/99	3.00	7.40	16.6	2770
	07/01/00	1.30	7.22	15.2	2500
	11/19/00	4.20	7.40	17.3	3430
	06/24/01	4.30	7.36	15.6	3260

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-41	10/24/01	4.00	7.37	18.2	3360
	04/24/02	5.00	7.41	15.8	3700
	11/20/02	5.80	7.48	18.6	3750
	05/27/03	3.40	7.44	16.6	2250
	11/13/03	2.10	7.22	16.0	2151
	06/10/04	6.38	7.40	15.1	2470
	05/24/05	--	7.10	15.0	2180
	07/12/06	2.33	7.28	15.4	1741
	07/26/07	2.25	--	15.0	1741
	09/25/08	2.41	7.46	16.4	1777
	08/06/09	3.22	7.16	15.7	2975
	05/20/10	4.70	7.01	14.0	3640
	09/09/11	2.52	7.01	15.6	5470
	06/14/12	1.67	7.06	14.3	3003
	07/25/13	2.39	7.01	16.0	1775
	04/25/14	2.99	6.98	14.1	1845*
	05/05/15	6.86	7.19	13.9	2275*
	08/03/16	3.62	7.20	14.6	2030*
	03/22/17	4.38	7.36	12.8	2244*
	04/17/18	4.69	7.32	13.8	--
	04/04/19	4.64	7.36	14.3	1763*
	09/25/19	7.18	7.92	17.8	1691*
	06/19/20	8.00	8.31	13.7	1755
	12/01/20	6.17	7.75	14.8	2205
	12/08/21	6.99	7.60	15.1	2273
	11/30/22	6.67	7.53	13.7	1687
	06/16/23	4.86	8.27	21.4	1174
	12/06/23	3.33	4.66	23.4	1208
6-42	06/08/99	5.91	5.91	14.8	2180
	10/16/99	6.80	7.51	16.7	2380
	07/01/00	6.60	7.39	15.2	2350
	11/19/00	6.60	7.51	17.4	2670
	06/24/01	8.50	7.45	15.8	2540
	10/24/01	7.70	7.52	18.5	2410
	04/24/02	7.30	7.61	15.8	2780
	11/20/02	7.00	7.52	18.8	2950
	05/27/03	7.50	7.69	16.7	2510
	11/13/03	6.47	7.43	15.9	1855
	06/10/04	8.56	7.63	16.0	2140
	05/24/05	--	7.32	14.7	2010
	07/12/06	5.58	7.45	15.7	1632
	07/26/07	5.85	--	15.2	1608
	09/25/08	5.38	7.59	16.2	1529
	08/06/09	6.36	7.12	16.1	2087
	05/19/10	7.84	7.16	13.8	2452
	09/08/11	4.10	7.15	16.3	2644
	06/13/12	7.59	7.16	14.6	2568
	07/25/13	6.42	6.97	16.6	1819
	04/25/14	6.81	7.33	14.3	1806*
	05/05/15	7.76	7.58	14.2	2112*
	08/04/16	6.94	7.98	15.2	1977*
	03/22/17	7.40	7.83	12.9	2201*
	04/17/18	7.14	7.63	14.1	--
	04/04/19	4.74	7.52	14.1	1844*
	09/25/19	7.63	8.17	16.6	1859*
	06/19/20	8.84	8.31	13.6	2042
	12/01/20	6.55	7.84	14.8	2204
	12/07/21	6.90	8.70	14.6	2073
	11/30/22	6.79	7.48	15.1	1859
	06/16/23	7.14	8.12	20.8	1435
	12/06/23	6.49	7.64	21.4	1622
	12/10/98	7.60	7.49	14.4	4260
	06/08/99	6.06	7.29	15.4	3560
	10/16/99	7.20	7.55	16.0	4290

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-43	06/29/00	7.50	7.46	15.1	4290
	11/19/00	8.10	7.46	17.2	4400
	06/24/01	9.60	7.50	15.2	4260
	10/23/01	9.10	7.46	18.2	4400
	04/24/02	8.80	7.49	15.8	4340
	11/19/02	8.80	7.45	18.3	4370
	05/25/03	8.60	7.53	16.2	4310
	11/14/03	7.16	7.34	16.1	3756
	06/10/04	8.75	7.50	14.9	4410
	03/21/17	4.23	7.41	12.8	5895*
	12/10/98	7.50	7.41	13.4	4280
	06/08/99	6.80	7.29	18.0	3520
	10/16/99	8.10	7.53	16.6	4380
	07/01/00	8.80	7.44	15.3	4320
	11/19/00	7.90	7.48	17.5	4430
	06/25/01	--	7.47	16.1	4280
	10/24/01	8.90	7.44	18.7	4380
	04/24/02	9.20	7.47	16.2	4330
	11/19/02	8.60	7.47	18.7	4390
	05/24/03	8.40	7.53	16.8	4290
	11/14/03	6.60	7.37	16.7	3799
	06/10/04	6.82	7.28	15.2	4313
	05/24/05	--	7.20	15.8	4410
	07/12/06	7.09	7.51	15.9	3614
	07/26/07	6.98	--	15.7	3758
	09/25/08	6.70	7.67	16.6	3389
	08/06/09	7.35	7.16	16.1	4360
	05/20/10	8.10	7.10	14.3	4378
	09/09/11	7.30	7.25	16.1	4167
	06/14/12	7.24	7.09	15.2	4228
	07/25/13	7.26	7.18	16.3	4134
	04/25/14	7.21	7.22	14.4	4035*
	05/05/15	8.18	7.60	14.8	4227*
	08/04/16	8.15	8.11	15.1	4052*
	03/21/17	7.90	7.76	13.7	4302*
	04/16/18	7.41	7.84	16.1	--
	04/04/19	6.85	7.77	14.5	3419*
	09/25/19	8.88	8.07	16.5	3271*
	06/19/20	8.85	8.88	13.7	3610
	12/01/20	7.43	7.91	13.4	3733
	06/02/21	7.44	7.63	15.1	3289
	12/07/21	7.12	8.54	15.7	3405
	06/14/22	7.72	8.58	17.6	2661
	11/30/22	7.78	7.80	15.1	3009
	06/15/23	7.55	8.18	21.1	2678
	12/06/23	7.59	8.32	19.6	2959
6-45	06/27/00	8.10	7.46	15.1	3960
	11/18/00	8.20	7.44	16.7	4140
	06/22/01	--	7.80	15.6	3960
	10/23/01	8.50	7.54	18.5	4020
	04/22/02	9.50	7.68	16.6	4050
	11/19/02	9.20	7.62	18.5	3980
	05/24/03	8.90	7.73	17.1	3850
	11/12/03	7.26	7.57	15.9	3432
	06/08/04	7.43	7.54	17.1	3892
	05/23/05	--	7.44	15.7	3970
	07/12/06	6.93	7.55	15.7	3307
	07/26/07	7.21	--	14.9	3118
	09/24/08	7.32	7.56	16.0	3033
	08/05/09	9.81	7.13	15.8	3997
	05/19/10	8.45	7.24	14.1	4015
	09/08/11	4.70	7.24	16.2	3822
	06/13/12	7.61	7.44	16.6	3877
	07/26/13	6.91	7.42	15.7	3792
	04/25/14	7.75	7.71	14.8	3738*

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	08/03/16	7.46	6.92	14.5	3374*
	03/21/17	7.40	7.48	13.2	3854*
	04/16/18	No Parameters Collected Due to Low Volume			
	06/04/18	No Parameters Collected Due to Low Volume			
	04/04/19	5.88	7.54	14.5	3737*
	09/24/19	8.49	8.06	16.3	3702*
	06/19/20	9.14	8.89	14.8	4215
	12/01/20	6.82	7.84	14.5	4375
	06/02/21	5.84	7.56	15.4	3891
	12/08/21	6.14	7.47	15.3	4450
	12/06/23	5.93	6.82	19.1	6200
6-46	06/27/00	7.00	7.52	14.9	2570
	11/18/00	6.80	7.51	17.2	2720
	06/22/01	--	7.73	15.7	3020
	10/23/01	8.20	7.60	18.3	2950
	04/22/02	9.30	7.58	16.1	3960
	11/19/02	8.90	7.58	18.6	4160
	05/24/03	8.80	7.63	16.6	4310
	11/12/03	7.21	7.57	16.0	2544
	06/08/04	7.74	7.45	15.5	2795
	05/23/05	--	7.37	15.2	2430
	07/12/06	1.70	7.42	15.5	1858
	07/26/07	1.67	--	15.1	1793
	09/24/08	1.84	7.49	16.4	1632
	08/05/09	6.00	7.15	16.6	2185
	05/19/10	7.23	7.42	14.0	2366
	09/08/11	2.39	6.95	16.1	3300
	06/13/12	2.95	7.10	14.6	3950
	07/26/13	1.86	6.96	15.8	6757
	04/24/14	3.27	7.13	14.0	3877*
	05/06/15	5.38	7.23	14.0	2661*
	08/02/16	11.80	6.72	15.3	2169*
	03/21/17	3.20	7.39	13.4	2458*
	04/16/18	No Parameters Collected Due to Low Volume			
	04/04/19	4.06	7.61	14.5	2139*
	09/24/19	7.20	8.29	17.5	2034*
	06/19/20	6.40	8.55	13.5	2489
	12/01/20	5.22	7.82	13.8	2376
	06/02/21	3.65	7.58	15.2	2232
	12/08/21	5.34	7.48	15.3	2585
	12/06/23	5.41	6.55	19.6	2440
6-47	06/27/00	4.00	7.15	15.1	3460
	11/18/00	4.40	7.22	16.6	3660
	06/22/01	--	7.34	16.4	3380
	10/23/01	3.70	7.16	18.3	3620
	04/22/02	4.80	7.26	15.6	3660
	11/19/02	5.90	7.14	18.5	3720
	05/24/03	4.30	7.30	16.4	3610
	11/12/03	2.61	7.02	16.2	2334
	06/08/04	3.73	7.03	15.4	3731
	05/23/05	--	7.12	15.3	3880
	07/12/06	1.56	7.09	15.1	3116
	07/26/07	1.11	--	15.3	3193
	09/24/08	1.77	7.18	16.4	2870
	08/05/09	2.72	6.64	16.2	3695
	05/19/10	2.88	6.96	13.8	3705
	09/08/11	1.95	6.98	16.2	3652
	06/13/12	4.50	7.02	14.6	3662
	07/26/13	3.58	6.76	15.7	3516
	04/24/14	3.83	6.99	13.8	3420*
	05/06/15	9.01	7.29	15.0	3704*
	08/03/16	15.22	6.96	16.2	2745*
	03/21/17	3.91	7.21	13.0	3500*
	04/16/18	No Parameters Collected Due to Low Volume			

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	04/04/19	6.12	7.60	14.1	2495*
	09/24/19	7.41	7.96	21.2	2172*
	06/16/20	8.58	8.48	13.2	2608
	12/01/20	6.80	7.85	14.6	2758
	06/02/21	5.67	7.56	15.3	2711
	12/08/21	8.09	7.43	13.4	2931
	11/30/22	5.84	7.53	14.6	2846
	06/16/23	5.62	8.36	27.4	2015
	12/06/23	3.27	6.63	21.8	2788
6-48	06/27/00	7.20	7.49	15.6	3910
	11/18/00	8.10	7.54	16.6	4110
	06/22/01	--	7.77	--	3940
	10/23/01	8.20	7.58	18.0	3960
	04/22/02	9.30	7.63	16.3	4020
	11/19/02	9.70	7.49	18.1	3960
	05/24/03	8.50	7.68	16.6	3970
	11/12/03	7.15	7.47	15.7	3440
	06/08/04	7.66	7.44	16.6	3986
	03/21/17	6.93	7.63	13.5	4644*
	06/16/23	4.88	8.20	29.6	2610
	12/06/23	7.26	6.34	16.9	3603
6-48B (Previously 6-51)	06/27/00	6.70	9.13	15.0	2870
	11/18/00	6.10	8.06	16.2	3770
	06/22/01	--	7.98	15.1	3820
	10/23/01	8.50	7.78	17.4	3690
	04/22/02	8.10	7.65	16.5	3840
	11/19/02	8.40	7.60	17.8	3860
	05/24/03	7.20	7.66	16.4	3810
	11/12/03	6.25	7.55	15.3	3276
	06/08/04	6.42	7.46	15.0	3741
	05/23/05	--	7.59	15.9	3900
	07/12/06	6.71	7.51	14.9	3185
	07/26/07	7.03	--	14.7	3275
	09/24/08	6.64	7.68	15.4	2946
	08/05/09	9.45	7.11	15.6	3852
	05/19/10	7.90	7.28	14.3	3898
	09/08/11	4.54	7.41	15.9	3837
	06/13/12	7.49	7.24	14.8	3871
	07/26/13	6.81	7.21	15.2	3901
	05/06/15	8.16	7.65	14.7	4338*
	08/03/14	12.57	7.59	14.9	3855*
	08/03/14	12.57	7.59	14.9	3855*
	03/22/17	6.23	7.62	13.8	4431*
	06/19/20	7.61	8.72	13.3	4006
	12/01/20	7.10	8.07	14.6	3672
	06/02/21	7.02	7.74	15.6	3372
	12/08/21	7.73	7.82	15.4	3460
	11/30/22	7.12	7.68	14.8	3314
	06/16/23	6.13	8.18	23.8	2457
	12/06/23	6.54	4.59	18.7	3177
6-49	11/18/00	--	--	4.0	--
	06/22/01	--	7.61	15.7	3560
	10/23/01	7.60	7.40	18.0	3750
	04/22/02	8.70	7.47	16.4	3780
	11/19/02	8.40	7.43	18.1	3820
	05/24/03	8.00	7.53	16.7	3720
	11/12/03	6.91	7.41	15.5	3290
	06/08/04	7.38	7.37	16.9	3766
	05/23/05	--	7.50	15.8	3850
	07/12/06	6.71	7.31	15.7	3081
	07/26/07	6.80	--	16.7	3301
	09/24/08	7.10	7.60	17.6	2964
	08/05/09	9.25	7.16	18.4	3775

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
	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	8.10	8.02	17.4	3310
	04/22/02	8.90	7.97	16.5	3500
	11/19/02	8.80	7.68	17.8	3540
	05/24/03	8.40	7.75	17.1	3510
	11/12/03	7.14	7.48	15.1	3140
	06/08/04	7.30	7.39	15.5	3662
	05/23/05	--	7.48	15.3	3760
	07/12/06	6.97	7.49	15.2	3043
	07/26/07	7.05	--	14.9	3176
	09/24/08	7.50	7.64	15.3	2807
	08/05/09	9.79	6.81	15.7	3729
	05/19/10	8.62	7.20	14.5	3776
	09/08/11	4.71	7.29	15.8	3683
	06/13/12	7.47	7.25	14.9	3769
	07/26/13	7.23	7.12	15.3	3723
	05/06/15	8.07	7.47	14.7	4258*
	08/04/16	7.49	7.48	14.8	3849*
	03/22/17	6.81	7.62	14.3	4221*
	06/19/20	8.21	8.79	13.6	3644
	12/01/20	6.62	7.99	14.3	3649
	06/02/21	7.04	7.65	15.8	3305
	12/08/21	7.43	7.69	15.2	3588
	06/16/23	6.56	8.44	23.7	2704
	12/06/23	7.32	6.41	15.5	3068
6-50	11/18/00	7.80	7.44	16.6	4190
	06/22/01	--	7.52	16.3	4060
	10/23/01	8.00	7.34	18.2	4120
	04/22/02	9.60	7.43	16.3	4180
	11/19/02	10.00	7.39	18.4	4170
	05/24/03	8.80	7.45	17.1	4050
	11/12/03	7.02	7.34	15.6	3600
	06/08/04	8.92	7.02	17.7	3894
	05/23/05	--	7.47	17.0	4210
6-50B (Previously 6-53)	06/27/00	--	--	--	--
6-54	04/17/18	3.55	6.89	13.6	--
	07/10/18	No Parameters Collected Due to Low Volume			
	08/03/18	No Sample Collected			
	12/13/18	No Sample Collected			
	04/04/19	No Parameters Collected Due to Low Volume			
	09/25/19	No Parameters Collected Due to Low Volume			
	03/09/21	No Parameters Collected Due to Low Volume			
	06/03/21	No Parameters Collected Due to Low Volume			
	09/08/21	No Parameters Collected Due to Low Volume			
	12/08/21	No Parameters Collected Due to Low Volume			
	03/10/23	3.72	6.64	16.7	--
	06/15/23	3.07	7.69	19.6	1539
	09/21/23	0.64	6.41	20.3	1910
	12/06/23	1.78	5.73	21.1	1472
6-PW6	05/28/97	4.33	7.48	16.2	1237
	06/16/98	3.20	7.20	16.7	1533
	06/08/99	3.10	7.28	17.0	1599
	06/28/00	1.20	7.14	16.7	1571
	06/23/01	1.30	7.16	17.1	1482
	04/25/02	3.40	7.30	16.4	1795
	05/24/03	1.30	7.17	17.2	1480
	06/09/04	2.02	7.09	16.6	1667
	03/20/17	Not Sampled			

Table 2

Summary of Groundwater Quality Field Parameters
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Electrical Conductivity (uS/cm)
6-CH1	02/20/15	7.55	7.90	17.0	3567*
	Plugged and Abandoned 2015				
6-CH2	02/20/15	8.32	8.33	17.6	2252*
	Plugged and Abandoned 2015				
6-CH3	02/20/15	--	--	--	--
	Plugged and Abandoned 2015				
6-CH4	02/20/15	1.53	6.11	16.8	7589*
	Plugged and Abandoned 2015				
6-CH5	02/20/15	4.66	6.79	16.6	8494*
	Plugged and Abandoned 2015				

Notes:
1) °C = degress celcius
2) mg/L = milligrams per liter
3) mmhos/cm = millimhos per centimeter
4) * = conductivity measured in microsiemens per centimeter
5) ** = over instrument range.
6) -- = data not available
7) EVO = emmulsified vegetable oil

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Summary of 2023 Groundwater Analytical Results
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride	Nitrate	Sulfate	Total Organic Carbon	Total PCB
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--				
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2	10	250*	NE	0.5
6-07	06/23/23	<1.0	<1.0	<1.0	5.7	1.5	**13**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	6.9	1.7	**15**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-08	06/15/23	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-09	06/15/23	<1.0	<1.0	<1.0	3.8	<1.0	1.7	<1.0	**6.6**	<1.0	<1.0	--	--	--	**116**
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50				<0.500
	12/06/23	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25				<1.14
6-10	06/15/23	<1.0	<1.0	<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-12	06/16/23	<1.0	<1.0	<1.0	**48**	<1.0	**18**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	4.7	<1.0	3.1	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-13	03/10/23	2.2	<1.0	<1.0	**27**	3.7	**25**	2.3	<1.0	<1.0	<1.0	--	--	--	--
	06/15/23	2.6	<1.0	<1.0	**30**	3.7	**34**	2	<1.0	<1.0	<1.0	--	--	--	<0.500
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	<0.500
	12/06/23	3.3	<1.0	<1.0	**34**	4.7	**43**	2.8	<1.0	<1.0	<1.0	--	--	--	<0.500
6-14	03/10/23	1.5	<1.0	<1.0	6.3	<1.0	1.7	<1.0	<1.0	<1.0	0.37	--	--	--	--
	06/15/23	1.1	<1.0	<1.0	6.3	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	<0.500
	12/06/23	1.1	<1.0	<1.0	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<5.56
6-15	06/15/23	<1.0	<1.0	<1.0	3	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-16	06/16/23	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.704
	12/06/23	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-18	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-19	06/15/23	<1.0	4.7	<1.0	<1.0	<1.0	1.2	<1.0	**20**	**190**	<1.0	--	--	--	--
	12/06/23	<1.0	**7.6**	<1.0	<1.0	<1.0	2.1	<1.0	**32**	**200**	<1.0	--	--	--	--
6-20B	06/15/23	<1.0	<1.0	<1.0	24	<1.0	3.3	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	**39**	<1.0	**7.6**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-20C	06/15/23	1.3	<1.0	<1.0	5.8	<1.0	4.4	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	--	--	--	<0.500
6-21B	03/10/23	1.3	<1.0	<1.0	12	<1.0	4.6	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	06/15/23	1.7	<1.0	<1.0	7.2	<1.0	**6.6**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	<0.500
	12/06/23	1.6	<1.0	<1.0	10	<1.0	**7.3**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-21C	03/10/23	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	--	--	--	--
	06/15/23	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--
	09/21/23	<100	<100	<100	<100	**200**	<100	<100	**600**	<100	<100	--	--	--	<1.61
	12/06/23	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	--	--	--	<0.500
6-22B	03/10/23	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	06/15/23	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.980
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	<0.806
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-22C	06/15/23	4.8	<1.0	<1.0	1.7	<1.0	2.4	<1.0	<1.0	<1.0	1.4	--	--	--	**77.0**
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	**61.1**
	12/06/23	**6.6**	<1.0	<1.0	1.6	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	--	--	--	**169**
6-28	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-33	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-36	06/15/23	<1.0	<1.0	<1.0	24	**12**	**120**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	20	**12**	**82**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-40	03/10/23	1.2	<1.0	<1.0	**40**	<1.0	**15**	0.72	<1.0	<1.0	0.78	--	--	--	--
	06/15/23	<1.0	<1.0	<1.0	24	<1.0	**12**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	**6.49**
	12/06/23	<1.0	<1.0	<1.0	17	<1.0	**9.4**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-41	06/16/23	<1.0	<1.0	<1.0	7.2	<1.0	4.2	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	5.7	<1.0	2.9	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
6-42	06/16/23	<1.0	<1.0	<1.0	16	<1.0	4.9	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.962
	12/06/23	<1.0	<1.0	<1.0	16	<1.0	3.9	<1.0	<1.0	<1.0	<1.0	--	--	--	--

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Summary of 2023 Groundwater Analytical Results
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride	Nitrate	Sulfate	Total Organic Carbon	Total PCB
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--				
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2	10	250*	NE	0.5
6-44	06/15/23	<1.0	<1.0	<1.0	3.2	1	4.3	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	6.7	**6.9**	**88**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-45	06/16/23	<1.0	<1.0	<1.0	5.3	<1.0	**21**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	7.3	<1.0	**30**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-46	06/16/23	<1.0	<1.0	<1.0	**49**	<1.0	**11**	<1.0	<1.0	<1.0	<1.0	--	--	--	<0.500
	12/06/23	<1.0	<1.0	<1.0	**54**	<1.0	**10**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-47	06/16/23	<1.0	<1.0	<1.0	**120**	1.9	**26**	1.1	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	**110**	<1.0	**14**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-48	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-49B	06/16/23	<1.0	1.2	<1.0	9	<1.0	**18**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	12/06/23	<1.0	1.4	<1.0	11	<1.0	**17**	<1.0	<1.0	<1.0	<1.0	--	--	--	--
6-54	03/10/23	0.64	<2.0	<2.0	9.8	<2.0	**10**	<2.0	<2.0	<2.0	1.5	--	--	--	NS
	06/15/23	<10	<10	<10	<10	<10	**15**	<10	<10	<10	<10	--	--	--	**37.3**
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	**25.7**
	12/06/23	<1.0	<1.0	<1.0	5.9	<1.0	**11**	<1.0	<1.0	<1.0	<1.0	--	--	--	**103**

Notes:

1) Analytical results are presented in micrograms per liter (µg/L), except nitrate, sulfate, and TOC which are presented in milligrams per liter (mg/L).
2) EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminant Level
3) PCE - Tetrachloroethene, TCA - Trichloroethane, DCA - Dichloroethane, DCE - Dichloroethene
4) < - Analyte was not detected at or above the laboratory reported detection limit.
5) Bolded/shaded results exceed the respective EPA SDWA MCL.
6) -- = not analyzed, NS = not sampled

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Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	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	< 1.0
6-07	01/15/92	--	< 5	54	20	< 5	**8.5**	< 5	--	--	--
	01/30/92	--	< 5	68	28	< 5	**13**	< 5	--	--	--
	02/27/92	--	< 5	68	28	< 5	**14**	< 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	2.0	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	--	< 1.0	16	9.0	4.0	**8.0**	< 1.0	--	--	--
	10/18/99	--	< 1.0	15	8.0	4.0	**9.0**	< 1.0	--	--	--
	07/01/00	--	< 1.0	11	7.0	3.0	**9.0**	< 1.0	--	--	--
	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	--	< 1.0	10.9	7.85	2.74	**12.9**	< 1.0	--	--	--
	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
	04/17/18	< 1.0	< 1.0	< 1.0	1.5	< 1.0	4.4	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	1.5	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	2.9	< 1.0	**10**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	6.1	1.5	**17**	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	1.0	8.4	1.9	**23**	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	<1.0	0.48	2.9	1.3	**11**	<1.0	<1.0	<1.0	<1.0
	12/07/21	<2.0	<2.0	<2.0	4.5	1.0	**10**	<2.0	<2.0	<2.0	<2.0
	06/14/22	<1.0	<1.0	0.85	7.1	1.5	**21**	<1.0	<1.0	<1.0	<1.0

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	11/30/22	<1.0	<1.0	0.63	6.9	1.7	**16**	<1.0	<1.0	<1.0	<1.0
	06/23/23	<1.0	<1.0	<1.0	5.7	1.5	**13**	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	6.9	1.7	**15**	<1.0	<1.0	<1.0	<1.0
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**	1.0	5.6	2.7	--	--	--
	11/08/95	--	< 0.2	6.7	**59**	0.6	4.0	2.5	--	--	--
	05/15/96	--	0.3	6.9	**72**	0.5	6.0	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	--	< 1.0	4.0	**44**	< 1.0	4.0	1.0	--	--	--
	07/01/00	--	< 1.0	5.0	**91**	< 1.0	**10.0**	2.0	--	--	--
	06/25/01	--	< 5	< 5	**27.1**	< 5	< 1.0	< 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
	04/18/18	< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	4.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/03/21	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/07/21	<1.0	<1.0	<1.0	3.2	<1.0	0.3	<1.0	<1.0	<1.0	<1.0
	06/15/22	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/15/23	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/16/92	--	< 100	**1300**	**370**	< 100	**330**	< 100	--	--	--
	02/28/92	--	< 120	**3000**	**640**	< 120	**1100**	< 120	--	--	--
	06/09/92	--	< 25	**2000**	**370**	< 25	**560**	< 25	--	--	--
	12/17/92	--	0.9	**1400**	**500**	**33**	**560**	16.8	--	--	--
	06/23/93	--	< 1.0	**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	--	1.0	180	**570**	4.0	**310**	9.0	--	--	--

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-09	06/29/00	--	< 1.0	67	**360**	5.0	**230**	8.0	--	--	--
	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	--	< 1.0	**370**	**680**	< 1.0	**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
	03/20/17	Not Sampled Due To The Presence Of EVO									
	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
	04/18/18	2.1	< 1.0	< 1.0	**41**	< 1.0	**13**	< 1.0	< 1.0	< 1.0	1.6
	06/05/18	1.4	< 1.0	< 1.0	20	< 1.0	**7.4**	< 1.0	< 1.0	< 1.0	1.0
	07/11/18	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	08/14/18	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	12/13/18	< 2.0	< 2.0	< 2.0	6.4	< 2.0	3.2	< 2.0	< 2.0	< 2.0	< 2.0
	04/04/19	1.2	< 2.0	< 2.0	17	< 2.0	6.7	< 2.0	< 2.0	< 2.0	< 2.0
	09/25/19	2.1	< 1.0	< 1.0	22	< 1.0	6.7	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	2.0	< 1.0	< 1.0	3.9	< 1.0	5.3	< 1.0	< 1.0	< 1.0	< 1.0
	09/16/20	2.2	< 1.0	< 1.0	5.1	< 1.0	5.6	< 1.0	< 1.0	< 1.0	
	12/02/20	Not Sampled Due To The Presence Of EVO									
	03/08/21	Not Sampled Due To The Presence Of EVO									
	06/01/21	Not Sampled Due To The Presence Of EVO									
	09/07/21	Not Sampled Due To The Presence Of EVO									
	12/06/21	Not Sampled Due To The Presence Of EVO									
	03/23/22	0.93	<1.0	<1.0	**80**	0.58	**19**	0.82	<1.0	<1.0	<1.0
	09/13/22	1.6	<1.0	<1.0	**60**	0.65	**26**	1	<1.0	<1.0	1.3
	11/30/22	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	06/15/23	<1.0	<1.0	<1.0	3.8	<1.0	1.7	<1.0	**6.6**	<1.0	<1.0
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
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**	2.0	**39**	12	--	--	--
	06/20/95	--	< 1.0	14	**430**	1.0	**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	--	< 1.0	7.0	**160**	< 1.0	**21**	3.0	--	--	--
	06/29/00	--	< 1.0	3.0	**130**	< 1.0	**11**	3.0	--	--	--
	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	--	--	--

Table 4

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Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	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
	04/18/18	< 1.0	< 1.0	7.1	1.3	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	4.5	1.5	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	4.1	1.9	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	4.2	1.2	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	2.7	2.7	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0
	06/03/21	<1.0	<1.0	2.4	2.1	<1.0	1.8	<1.0	<1.0	0.54	<1.0
	12/07/21	<1.0	<1.0	1.4	4.9	<1.0	2.8	<1.0	<1.0	<1.0	<1.0
	06/14/22	<1.0	<1.0	2.8	2	<1.0	1.3	<1.0	<1.0	0.32	<1.0
	11/30/22	0.42	<1.0	2.1	4.2	<1.0	2.9	<1.0	<1.0	<1.0	<1.0
	06/15/23	<1.0	<1.0	<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	<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	--	--	--
	02/28/92	--	< 5	< 5	< 5	< 5	< 5	< 5	--	--	--
	06/04/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/30/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/00	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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
	01/31/92	--	< 10	110	**210**	< 10	**81**	< 10	--	--	--
	02/28/92	--	< 12	90	**220**	< 12	**110**	< 12	--	--	--
	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	--	< 1.0	8	**71**	< 1.0	**57**	2.0	--	--	--
	10/18/99	--	< 1.0	10	**37**	< 1.0	**55**	1.0	--	--	--
	06/29/00	--	< 1.0	9	**27**	< 1.0	**58**	< 1.0	--	--	--
	11/20/00	--	< 0.5	11.6	**25.8**	< 0.5	**62.8**	0.8	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/25/01	--	< 1.0	6.58	**33.1**	< 1.0	**55.5**	< 1.0	--	--	--
	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	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-12	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
	04/18/18	< 1.0	< 1.0	< 1.0	13	< 1.0	6.9	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	**48**	< 1.0	**16**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	**80**	< 1.0	**22**	1.3	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	**69**	< 1.0	**15**	1.2	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	**77**	< 1.0	**21**	1.4	< 1.0	< 1.0	< 1.0
	12/08/21	<1.0	<1.0	<1.0	**49**	<1.0	**14**	1	<1.0	<1.0	<1.0
	06/15/22	<1.0	<1.0	<1.0	**48**	0.59	**11**	0.85	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	**55**	0.67	**13**	1.1	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	**48**	<1.0	**18**	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	4.7	<1.0	3.1	<1.0	<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	--	< 1.0	95	6.0	3.0	**23**	< 1.0	--	--	--
	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	--	< 1.0	2.0	3.0	< 1.0	1.0	< 1.0	--	--	--
	06/29/00	--	< 1.0	< 1.0	3.0	< 1.0	1.0	< 1.0	--	--	--
	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
	04/17/18	1.9	< 1.0	< 1.0	10	1.2	**8.6**	1.0	< 1.0	< 1.0	< 1.0
	06/05/18	2.1	< 1.0	< 1.0	12	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	1.7	< 1.0	< 1.0	12	< 1.0	**10**	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	2.2	< 1.0	< 1.0	18	1.9	**17**	1.2	< 1.0	< 1.0	< 1.0
	12/13/18	2.9	< 1.0	< 1.0	17	1.5	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	2.2	< 1.0	< 1.0	13	1.7	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	2.8	< 1.0	< 1.0	14	1.5	**12**	1.2	< 1.0	< 1.0	< 1.0
	06/19/20	2.5	< 1.0	< 1.0	17	2.0	**10**	1.4	< 1.0	< 1.0	< 1.0
	09/16/20	2.8	< 1.0	< 1.0	21	2.0	**14**	1.7	< 1.0	< 1.0	
	12/02/20	2.9	< 1.0	< 1.0	22	2.8	**15**	2.1	< 1.0	< 1.0	< 1.0
	03/09/21	1.6	<1.0	<1.0	13	1.4	**13**	1.1	<1.0	<1.0	<1.0
	06/03/21	2.5	<1.0	<1.0	18	1.9	**19**	2	<1.0	<1.0	<1.0
	09/08/21	3.3	<1.0	<1.0	**27**	2.2	**25**	1.7	<1.0	<1.0	0.42
	12/07/21	2	<1.0	<1.0	16	2.1	**13**	1.7	<1.0	<1.0	<1.0
	03/23/22	2.2	<1.0	<1.0	22	2.2	**17**	1.4	<1.0	<1.0	<1.0
	06/14/22	2.4	<1.0	<1.0	22	2	**18**	1.5	<1.0	<1.0	<1.0
	09/13/22	2.7	<1.0	<1.0	24	2.7	**22**	2.4	<1.0	<1.0	0.89

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	11/30/22	3.2	<1.0	<1.0	**34**	3	**31**	3	<1.0	<1.0	0.59
	03/10/23	2.2	<1.0	<1.0	**27**	3.7	**25**	2.3	<1.0	<1.0	<1.0
	06/15/23	2.6	<1.0	<1.0	**30**	3.7	**34**	2	<1.0	<1.0	<1.0
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	3.3	<1.0	<1.0	**34**	4.7	**43**	2.8	<1.0	<1.0	<1.0
	01/16/92	--	< 25	< 25	**390**	< 25	**120**	< 25	--	--	--
	02/28/92	--	< 25	< 25	**400**	< 25	**150**	< 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	--	--	--
6-14	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
	04/18/18	1.4	< 1.0	< 1.0	**53**	< 1.0	**20**	< 1.0	< 1.0	< 1.0	< 1.0
	06/04/18	1.6	< 1.0	< 1.0	**58**	< 1.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	1.5	< 1.0	< 1.0	**57**	< 1.0	**25**	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	2.0	< 1.0	< 1.0	**80**	< 1.0	**29**	< 1.0	< 1.0	< 1.0	< 1.0
	12/13/18	<1.0	< 1.0	< 1.0	**47**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	1.5	< 1.0	< 1.0	**56**	< 1.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	1.8	< 1.0	< 1.0	**52**	< 1.0	**17**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	1.2	< 1.0	< 1.0	**42**	< 1.0	**18**	< 1.0	< 1.0	< 1.0	< 1.0
	09/16/20	< 1.0	< 1.0	< 1.0	10	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	Not Sampled Due To The Presence Of EVO									
	03/08/21	Not Sampled Due To The Presence Of EVO									
	06/01/21	Not Sampled Due To The Presence Of EVO									
	09/07/21	Not Sampled Due To The Presence Of EVO									
	12/08/21	0.88	<2.0	<2.0	5.5	<2.0	1.2	<2.0	<2.0	<2.0	<2.0
	03/23/22	1.2	<5.0	<5.0	4.6	<5.0	2.4	<5.0	<5.0	<5.0	<5.0
	06/15/22	<5.0	<10	<10	8.2	<5.0	<10	<10	<10	<10	<10
	09/13/22	1.3	<1.0	<1.0	4.7	<1.0	1.6	<1.0	<1.0	<1.0	0.93
	11/30/22	1.5	<1.0	<1.0	6.8	<1.0	2	<1.0	<1.0	<1.0	0.65
	03/10/23	1.5	<1.0	<1.0	6.3	<1.0	1.7	<1.0	<1.0	<1.0	0.37
	06/15/23	1.1	<1.0	<1.0	6.3	<1.0	1.7	<1.0	<1.0	<1.0	<1.0
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	12/06/23	1.1	<1.0	<1.0	10	<1.0	<1.0	<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	--	< 1.0	< 1.0	16	< 1.0	< 1.0	2.0	--	--	--
	07/01/00	--	< 1.0	< 1.0	**34**	< 1.0	6.0	3.0	--	--	--
	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	< 1.0	< 1.0	< 1.0	< 1.0
	04/18/18	< 1.0	< 1.0	1.7	1.4	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	1.5	1.5	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	3.3	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	3.2	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	4.8	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0
	06/03/21	<1.0	<1.0	<1.0	2.7	<1.0	1.8	0.41	<1.0	0.57	<1.0
	12/07/21	<1.0	<1.0	<1.0	4	<1.0	0.65	<1.0	<1.0	0.17	<1.0
	06/15/22	<1.0	<1.0	<1.0	2.8	<1.0	1.3	<1.0	<1.0	0.62	<1.0
	11/30/22	<1.0	<1.0	<1.0	2.7	<1.0	1.7	<1.0	<1.0	0.4	<1.0
	06/15/23	<1.0	<1.0	<1.0	3	<1.0	1.1	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
6-16	06/09/92	--	< 5	67	**44**	< 5	**9.0**	< 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	9.0	19	0.4	2.0	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	--	--	--
	11/12/97	--	< 0.2	5.1	38	0.3	1.6	1.1	--	--	--
	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	--	< 1.0	3.0	15	< 1.0	2.0	< 1.0	--	--	--
	10/18/99	--	< 1.0	3.0	12	< 1.0	2.0	< 1.0	--	--	--
	06/28/00	--	< 1.0	2.0	13	< 1.0	3.0	< 1.0	--	--	--
	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	--	< 1.0	1.41	6.71	< 1.0	2.48	< 1.0	--	--	--
	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	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	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
	04/17/18	< 1.0	< 1.0	< 1.0	7.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	4.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	3.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	3.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/08/21	<1.0	<1.0	<1.0	3.2	<1.0	0.35	<1.0	<1.0	<1.0	<1.0
	06/15/22	<1.0	<1.0	<1.0	2.4	<1.0	0.5	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
6-17	06/09/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/28/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 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
6-18	06/08/92	--	3.0	4.0	2.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	0.7	< 0.2	0.6	< 0.2	--	--	--
	06/08/99	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/29/00	--	< 1.0	4.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/24/01	--	< 5	11.9	< 5	< 5	< 1.0	< 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
	04/18/18	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0
	06/03/21	<1.0	<1.0	0.41	<1.0	<1.0	<1.0	<1.0	<1.0	0.83	<1.0
	12/07/21	<1.0	<1.0	0.38	<1.0	<1.0	0.22	<1.0	<1.0	0.4	<1.0
	06/14/22	<1.0	<1.0	0.31	0.56	<1.0	<1.0	<1.0	<1.0	1.2	<1.0
	11/30/22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.85	<1.0
	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-19	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	--	--	--
	11/12/97	--	0.7	4.4	0.7	0.5	1.0	< 0.2	--	--	--
	06/16/98	--	0.3	1.8	0.4	< 0.2	0.3	< 0.2	--	--	--
	06/08/99	--	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/01/00	--	1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/24/01	--	< 5	< 5	< 5	< 5	< 1.0	< 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
	04/17/18	< 1.0	**5.7**	< 1.0	< 1.0	< 1.0	2	< 1.0	**44**	**110**	< 1.0
	04/04/19	< 1.0	**6.3**	< 1.0	< 1.0	< 1.0	2.9	< 1.0	**40**	**120**	< 1.0
	09/25/19	< 1.0	**5.4**	< 1.0	< 1.0	< 1.0	2.1	< 1.0	**27**	**120**	< 1.0
	06/19/20	< 2.0	**10**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**47**	**230**	< 2.0
	12/02/20	< 2.0	**9**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**43**	**230**	< 2.0
	06/02/21	<2.0	**7.5**	<2.0	<2.0	<2.0	2.2	<2.0	**36**	**210**	<2.0
	12/07/21	<2.0	**8.6**	<2.0	0.59	<2.0	1.5	<2.0	**27**	**200**	<2.0
	06/14/22	<1.0	**5.7**	<1.0	0.82	<1.0	1.1	<1.0	**25**	**250**	<1.0
	11/30/22	<1.0	**7.3**	<1.0	1.1	<1.0	2.3	<1.0	**33**	**210**	<1.0
	06/15/23	<1.0	4.7	<1.0	<1.0	<1.0	1.2	<1.0	**20**	**190**	<1.0
	12/06/23	<1.0	**7.6**	<1.0	<1.0	<1.0	2.1	<1.0	**32**	**200**	<1.0
6-20B	07/28/92	--	< 1.0	32	**36**	< 1.0	**54**	1.0	--	--	--
	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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	10/16/99	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/01/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/21/00	--	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/26/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	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
	04/18/18	< 1.0	< 1.0	< 1.0	17	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	16	< 1.0	1.7	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	20	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	20	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	23	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0
	06/03/21	<1.0	<1.0	<1.0	19	<1.0	2.4	0.51	<1.0	<1.0	<1.0
	12/07/21	<1.0	<1.0	<1.0	19	<1.0	2.7	<1.0	<1.0	<1.0	<1.0
	06/14/22	<1.0	<1.0	<1.0	23	<1.0	1.9	0.68	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	23	0.55	2.2	0.47	<1.0	<1.0	<1.0
	06/15/23	<1.0	<1.0	<1.0	24	<1.0	3.3	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	**39**	<1.0	**7.6**	<1.0	<1.0	<1.0	<1.0
6-20C	07/27/92	--	< 5	9	**250**	< 5	**64**	7.0	--	--	--
	12/16/92	--	0.8	1.7	**420**	4.9	**180**	13	--	--	--
	06/22/93	--	< 1.0	4.0	**340**	2.0	**100**	7.0	--	--	--
	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	--	< 1.0	2.7	**710**	3.2	**180**	15	--	--	--
	06/20/95	--	0.4	1.5	**700**	2.4	**140**	12	--	--	--
	11/10/95	--	< 1.0	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	--	--	--
	11/12/97	--	< 1.0	< 1.0	**140**	< 1.0	**20**	< 1.0	--	--	--
	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	--	< 1.0	1	**390**	< 1.0	**66**	5	--	--	--
	10/18/99	--	< 1.0	< 1.0	**340**	< 1.0	**66**	5	--	--	--
	07/01/00	--	< 1.0	2	**290**	< 1.0	**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	--	< 1.0	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
	04/18/18	< 1.0	< 1.0	2.3	18	< 1.0	6.2	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	24	< 1.0	6.7	< 1.0	< 1.0	< 1.0	< 1.0

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	09/25/19	1.2	< 1.0	1.0	21	< 1.0	6.9	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	16	< 1.0	5	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	1.8	< 1.0	< 1.0	**58**	< 1.0	**19**	< 1.0	< 1.0	< 1.0	< 1.0
	12/08/21	2.5	<1.0	<1.0	15	<1.0	4.3	<1.0	<1.0	<1.0	0.47
	06/14/22	3.5	<10	<10	9.6	<5.0	4.7	<10	<10	<10	<10
	11/30/22	1.8	<1.0	<1.0	10	<1.0	4.2	0.52	<1.0	<1.0	0.9
	06/15/23	1.3	<1.0	<1.0	5.8	<1.0	4.4	<1.0	<1.0	<1.0	<1.0
	12/06/23	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
6-21A	07/28/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	--	--
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	--	< 1.0	< 1.0	**210**	2	**70**	4	--	--	--
	10/16/99	--	< 1.0	< 1.0	**190**	2	**42**	3	--	--	--
	07/02/00	--	< 1.0	< 1.0	**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	--	< 1.0	< 1.0	**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
	04/18/18	1.0	< 1.0	< 1.0	**58**	< 1.0	**14**	< 1.0	< 1.0	< 1.0	< 1.0
	06/04/18	1.6	< 1.0	< 1.0	**80**	< 1.0	**26**	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	< 1.0	< 1.0	< 1.0	**46**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	< 1.0	< 1.0	< 1.0	**71**	< 1.0	**18**	< 1.0	< 1.0	< 1.0	< 1.0
	12/13/18	1.3	< 1.0	< 1.0	**68**	< 1.0	**24**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	**39**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	**40**	< 1.0	**9.1**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	**44**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	09/16/20	< 1.0	< 1.0	< 1.0	**50**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	12/02/20	< 1.0	< 1.0	< 1.0	**42**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	03/09/21	0.31	<1.0	<1.0	**31**	0.49	**11**	0.46	<1.0	<1.0	<1.0
	06/01/21	Not Sampled Due To The Presence Of EVO									
	09/08/21	<4.0	<4.0	<4.0	10	<10	4.4	<10	<4.0	<4.0	<4.0
	12/06/21	Not Sampled Due To The Presence Of EVO									
	03/23/22	2.1	<1.0	<1.0	11	0.41	3.8	0.58	<1.0	<1.0	<1.0
	06/14/22	2	<1.0	<1.0	12	0.5	3.9	0.69	<1.0	<1.0	0.53
	09/13/22	1.7	<1.0	<1.0	10	0.5	4.6	0.52	<1.0	<1.0	0.92
	11/30/22	1.4	<1.0	<1.0	10	0.57	3.8	0.51	<1.0	<1.0	0.61
	03/10/23	1.3	<1.0	<1.0	12	<1.0	4.6	<1.0	<1.0	<1.0	<1.0
	06/15/23	1.7	<1.0	<1.0	7.2	<1.0	**6.6**	<1.0	<1.0	<1.0	<1.0
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	1.6	<1.0	<1.0	10	<1.0	**7.3**	<1.0	<1.0	<1.0	<1.0
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	--	< 1.0	**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	--	--	--
	05/29/97		< 1.0	**240**	**720**	< 1.0	**270**	16			
	05/30/97	--	1.3	**230**	**730**	< 0.2	**290**	6.7	--	--	--
	11/12/97		< 0.2	130	**840**	< 2.0	**330**	10			
	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	--	< 1.0	110	**650**	3.0	**310**	10	--	--	--
	10/19/99	--	< 1.0	92	**570**	3.0	**310**	8.0	--	--	--
	07/02/00	--	< 1.0	110	**650**	3.0	**330**	8.0	--	--	--
	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**
	04/18/18	2.0	< 1.0	< 1.0	**82**	< 1.0	**56**	< 1.0	< 1.0	< 1.0	1.9
	06/04/18	1.2	< 1.0	< 1.0	22	< 1.0	**8.4**	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	1.7	< 1.0	< 1.0	**37**	< 1.0	**13**	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	3.0	< 1.0	< 1.0	**65**	< 1.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0
	12/13/18	< 2.0	< 2.0	< 2.0	5.1	< 2.0	3.7	< 2.0	< 2.0	< 2.0	< 2.0
	04/04/19	< 2.0	< 2.0	< 2.0	2.9	< 2.0	5.8	< 2.0	< 2.0	< 2.0	< 2.0

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	09/25/19	1.5	< 1.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	1.6	< 1.0	< 1.0	4.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.9**
	09/16/20	1.3	< 1.0	< 1.0	< 1.0	< 1.0	2.5	< 1.0	< 1.0	< 1.0	1.9
	12/02/20	Not Sampled Due To The Presence Of EVO									
	03/08/21	Not Sampled Due To The Presence Of EVO									
	06/01/21	Not Sampled Due To The Presence Of EVO									
	09/07/21	Not Sampled Due To The Presence Of EVO									
	12/06/21	Not Sampled Due To The Presence Of EVO									
	09/13/22	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	11/30/22	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	03/10/23	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D	<20 D
	06/15/23	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	09/21/23	<100	<100	<100	<100	**200**	<100	<100	**600**	<100	<100
	12/06/23	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
6-22B	07/28/92	--	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	10/16/99	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	07/01/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/21/00	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/26/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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
	04/18/18	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/04/18	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/13/18	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	06/19/20	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/16/20	3.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/09/21	0.82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/03/21	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/08/21	1.4	<1.0	<1.0	0.51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/07/21	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/23/22	0.68	<1.0	<1.0	0.44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/14/22	2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/13/22	1.3	<1.0	<1.0	0.57	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/30/22	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/10/23	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/15/23	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
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	--	--	--
	11/12/97	--	< 0.2	39	**82**	0.7	**50**	6.2	--	--	--
	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	--	< 1.0	150	**520**	1.0	**170**	7	--	--	--
	10/19/99	--	< 1.0	86	**340**	1.0	**89**	5	--	--	--
	07/02/00	--	< 1.0	92	**340**	1.0	**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	--	< 1.0	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
	04/18/18	2.7	< 1.0	1.5	**52**	< 1.0	**28**	< 1.0	< 1.0	< 1.0	1.2
	06/04/18	2.3	< 1.0	1.3	**44**	< 1.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	1.8	< 1.0	1.6	**43**	< 1.0	**25**	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	2.8	< 1.0	1.8	**58**	< 1.0	**32**	< 1.0	< 1.0	< 1.0	1.2
	12/13/18	< 5.0	< 5.0	< 5.0	**46**	< 5.0	**23**	< 5.0	< 5.0	< 5.0	< 5.0
	04/04/19	3.8	< 1.0	1.2	**46**	< 1.0	**22**	< 1.0	< 1.0	< 1.0	< 1.0

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	09/25/19	3.9	< 1.0	< 1.0	**33**	< 1.0	**17**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	4.1	< 1.0	< 1.0	**33**	< 1.0	**18**	< 1.0	< 1.0	< 1.0	< 1.0
	09/16/20	2.0	< 1.0	< 1.0	**12**	< 1.0	**5.2**	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	5.5	< 1.0	< 1.0	**17**	< 1.0	**6.6**	< 1.0	< 1.0	< 1.0	< 1.0
	03/09/21	3	<1.0	<1.0	14	<1.0	**7.5**	<1.0	<1.0	<1.0	1.1
	06/03/21	2.6	<1.0	<1.0	4.3	<1.0	1.9	<1.0	<1.0	<1.0	0.62
	09/07/21	Not Sampled Due To The Presence Of EVO									
	12/06/21	Not Sampled Due To The Presence Of EVO									
	06/14/22	**7.7**	<10	<10	5.5	<5.0	<10	<10	<10	<10	<10
	09/13/22	**7**	<1.0	<1.0	1.4	0.46	1.2	0.49	<1.0	<1.0	1
	11/30/22	**6.2**	<1.0	<1.0	1.6	<1.0	1.7	0.55	<1.0	<1.0	0.86
	06/15/23	4.8	<1.0	<1.0	1.7	<1.0	2.4	<1.0	<1.0	<1.0	1.4
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	**6.6**	<1.0	<1.0	1.6	<1.0	3.8	<1.0	<1.0	<1.0	<1.0
6-23	07/28/92	--	4.0	61	**79**	< 1	**16**	2.0	--	--	--
	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	--	2.0	30	**50**	1.3	**8.8**	1.0	--	--	--
	06/14/95	--	1.6	19	**43**	0.9	6.7	0.7	--	--	--
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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/28/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 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
	06/19/20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/08/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--

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Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	06/28/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 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	--	--	--
	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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/28/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 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	--	--	--
6-33	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
	06/19/20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/08/21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/15/22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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	--	< 1.0	< 1.0	23	< 1.0	< 1.0	11	--	--	--
6-34	06/27/00	--	< 1.0	< 1.0	8	< 1.0	< 1.0	5	--	--	--
	06/24/01	--	< 5	< 5	8.49	< 5	< 1.0	< 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
	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	--	< 1.0	< 1.0	18	< 1.0	< 1.0	15	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-35	10/18/99	--	< 1.0	< 1.0	**42**	< 1.0	< 1.0	21	--	--	--
	06/28/00	--	< 1.0	< 1.0	18	< 1.0	< 1.0	36	--	--	--
	11/18/00	--	< 0.5	< 0.5	14.3	< 0.5	< 0.5	18.9	--	--	--
	06/23/01	--	< 5	< 5	15.6	< 5	< 1.0	35.2	--	--	--
	10/25/01	--	< 1.0	< 1.0	12.3	< 1.0	< 1.0	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	--	< 1.0	47	**38**	3.0	**38**	< 1.0	--	--	--
	10/18/99	--	< 1.0	33	22	3.0	**23**	< 1.0	--	--	--
	07/02/00	--	< 1.0	31	**26**	2.0	**29**	< 1.0	--	--	--
	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	--	< 1.0	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
	04/17/18	< 1.0	< 1.0	3.2	7.6	2.4	**29**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	3.7	12	< 1.0	**33**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	3.1	14	**6.2**	**47**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	8.1	**29**	**13**	**130**	< 1.0	< 1.0	1.0	< 1.0
	12/02/20	< 1.0	< 1.0	2.4	18	**8.6**	**54**	< 1.0	< 1.0	1.0	< 1.0
	06/03/21	0.41	<1.0	5.6	20	**9.4**	**89**	0.7	<1.0	0.97	<1.0
	12/07/21	<1.0	<1.0	2.4	17	**8.2**	**67**	0.47	<1.0	0.35	<1.0
	06/14/22	0.51	<1.0	4.4	**28**	**12**	**97**	0.88	<1.0	1.2	<1.0
	11/30/22	0.41	<1.0	4.5	**26**	**13**	**82**	0.81	<1.0	1	<1.0
	06/15/23	<1.0	<1.0	<1.0	24	**12**	**120**	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	20	**12**	**82**	<1.0	<1.0	<1.0	<1.0
	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	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-37	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	--	--	--
	11/12/97	--	< 0.2	190	8.7	< 0.2	**13**	6.6	--	--	--
	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	--	< 1.0	56	5.0	< 1.0	**9.0**	3.0	--	--	--
	10/18/99	--	< 1.0	180	12	< 1.0	**8.0**	6.0	--	--	--
	06/27/00	--	< 1.0	120	9.0	< 1.0	**7.0**	4.0	--	--	--
	11/20/00	--	< 0.5	52.2	7.4	< 0.5	2.9	3.6	--	--	--
	06/25/01	--	< 5	49.2	9.18	< 5	< 1.0	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	< 1.0	< 5	--	--	--
	10/25/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	02/16/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/29/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	02/05/01	--	NA	NA	NA	NA	NA	NA	--	--	--
	06/27/01	--	< 5	< 5	< 5	< 5	< 1	< 5	--	--	--
	10/25/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	02/16/02	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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
	12/10/98	--	0.2	4.3	**710**	2.8	**140**	15	--	--	--
	02/28/99	--	< 1.0	3.0	**510**	3.0	**120**	7.0	--	--	--
	06/09/99	--	< 1.0	2.0	**210**	2.0	**66**	7.0	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-40	10/16/99	--	< 1.0	2.0	**330**	2.0	**58**	5.0	--	--	--
	07/02/00	--	< 1.0	6.0	**550**	2.0	**190**	7.0	--	--	--
	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	--	< 1.0	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	< 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
	04/18/18	< 1.0	< 1.0	< 1.0	**57**	< 1.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0
	06/04/18	< 1.0	< 1.0	< 1.0	**51**	< 1.0	**18**	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/18	< 1.0	< 1.0	< 1.0	**51**	< 1.0	**20**	< 1.0	< 1.0	< 1.0	< 1.0
	08/14/18	1.2	< 1.0	< 1.0	**78**	< 1.0	**29**	< 1.0	< 1.0	< 1.0	< 1.0
	12/13/18	< 1.0	< 1.0	< 1.0	**75**	< 1.0	**25**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	1.2	< 1.0	< 1.0	**61**	< 1.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	1.4	< 1.0	< 1.0	**54**	< 1.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	1.1	< 1.0	< 1.0	**45**	< 1.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	09/16/20	1.0	< 1.0	< 1.0	**63**	< 1.0	**20**	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	**68**	< 1.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	03/09/21	0.95	<1.0	<1.0	**70**	0.59	**22**	0.66	<1.0	<1.0	0.8
	06/02/21	1.7	<1.0	<1.0	**71**	0.68	**26**	0.91	<1.0	<1.0	1.1
	09/08/21	1.5	<1.0	<1.0	**77**	0.61	**27**	0.97	<1.0	<1.0	0.77
	12/07/21	1.1	<1.0	<1.0	**70**	0.32	**21**	0.77	<1.0	<1.0	<1.0
	03/23/22	1	<1.0	<1.0	**81**	0.57	**19**	0.85	<1.0	<1.0	<1.0
	06/14/22	1.1	<1.0	<1.0	**87**	0.7	**19**	0.98	<1.0	<1.0	0.59
	09/13/22	1.7	<1.0	<1.0	**60**	0.64	**26**	1	<1.0	<1.0	1.3
	11/30/22	1.7	<1.0	<1.0	**75**	0.74	**29**	1.1	<1.0	<1.0	1
	03/10/23	1.2	<1.0	<1.0	**40**	<1.0	**15**	0.72	<1.0	<1.0	0.78
	06/15/23	<1.0	<1.0	<1.0	24	<1.0	**12**	<1.0	<1.0	<1.0	<1.0
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	<1.0	<1.0	<1.0	17	<1.0	**9.4**	<1.0	<1.0	<1.0	<1.0
	12/10/98	--	0.2	3.2	**86**	0.55	5.6	5.0	--	--	--
	06/09/99	--	< 1.0	6.0	**130**	< 1.0	**18**	5.0	--	--	--
	10/16/99	--	< 1.0	3.0	**54**	< 1.0	6.0	2.0	--	--	--
	07/02/00	--	1.0	7.0	**110**	< 1.0	**23**	5.0	--	--	--
	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	--	< 1.0	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	--	--	--

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-41	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
	04/18/18	< 1.0	< 1.0	< 1.0	15	< 1.0	6.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	20	< 1.0	**7.1**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	**42**	< 1.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	**28**	< 1.0	**9**	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	**29**	< 1.0	5.3	< 1.0	< 1.0	< 1.0	< 1.0
	12/08/21	<1.0	<1.0	<1.0	21	<1.0	4	<1.0	<1.0	<1.0	<1.0
	06/15/22	0.25	<1.0	<1.0	19	<1.0	3.1	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	17	<1.0	3.4	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	7.2	<1.0	4.2	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	5.7	<1.0	2.9	<1.0	<1.0	<1.0	<1.0
6-42	06/08/99	--	1.0	15	**42**	< 1.0	**9.0**	2.0	--	--	--
	10/16/99	--	1.0	16	**42**	< 1.0	**10**	2.0	--	--	--
	07/01/00	--	2.0	17	**59**	< 1.0	**16**	3.0	--	--	--
	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	--	< 1.0	10.3	**60.5**	< 1.0	**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
	04/18/18	< 1.0	< 1.0	< 1.0	**30**	< 1.0	**8.4**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	**26**	< 1.0	5.7	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	23	< 1.0	5.4	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	22	< 1.0	4.8	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	21	< 1.0	4.8	< 1.0	< 1.0	< 1.0	< 1.0
	12/07/21	<1.0	<1.0	<1.0	14	<1.0	2.8	0.4	<1.0	<1.0	<1.0
	06/15/22	<1.0	0.38	0.39	18	<1.0	2.4	0.76	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	0.41	20	0.56	3.6	0.64	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	16	<1.0	4.9	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	16	<1.0	3.9	<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	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	10/16/99	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/29/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/20/00	--	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	--	--	--
	06/25/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	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
6-44	12/10/98	--	< 0.2	19	5.9	< 0.2	5.1	< 0.2	--	--	--
	06/08/99	--	< 1.0	26	9.0	2.0	**9.0**	< 1.0	--	--	--
	10/16/99	--	< 1.0	26	11	3.0	**9.0**	< 1.0	--	--	--
	07/01/00	--	< 1.0	33	20	**5.0**	**15**	< 1.0	--	--	--
	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	--	< 1.0	29.3	21.6	**5.02**	**23.8**	< 1.0	--	--	--
	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
	04/17/18	< 1.0	< 1.0	17	21	**11**	**190**	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	16	18	**10**	**190**	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	15	15	**8.9**	**180**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 2.0	< 2.0	16	17	**11.0**	**220**	< 2.0	< 2.0	< 2.0	< 2.0
	12/02/20	< 2.0	< 2.0	14	15	**9.6**	**240**	< 2.0	< 2.0	< 2.0	< 2.0
	06/02/21	<2.0	<2.0	10	7.8	**6.2**	**190**	0.84	<2.0	<2.0	<2.0
	12/07/21	<2.0	<2.0	11	11	**7.9**	**190**	0.8	<2.0	<2.0	<2.0
	06/14/22	0.24	<1.0	11	13	**8.1**	**240**	0.9	<1.0	0.35	<1.0
	11/30/22	<1.0	<1.0	7.7	11	**9**	**79**	0.87	<1.0	0.35	<1.0
	06/15/23	<1.0	<1.0	<1.0	3.2	1	4.3	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	6.7	**6.9**	**88**	<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	--	< 1.0	53	21	< 1.0	**140**	< 1.0	--	--	--
	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	--	< 1.0	66.6	20.8	< 1.0	**186**	< 1.0	--	--	--
	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

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
	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
	04/18/18	< 1.0	< 1.0	5.5	30	< 1.0	180	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	3.4	22	< 1.0	110	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	2.2	18	< 1.0	80	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	2.2	14	< 1.0	52	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	2.2	15	< 1.0	69	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	<1.0	0.98	6.5	0.59	51	<1.0	<1.0	<1.0	<1.0
	12/08/21	<1.0	<1.0	1.2	11	<1.0	65	<1.0	<1.0	<1.0	<1.0
	06/15/22	<1.0	<1.0	0.77	6.7	0.51	39	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	0.6	6	0.58	28	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	5.3	<1.0	21	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	7.3	<1.0	30	<1.0	<1.0	<1.0	<1.0
6-46	04/05/00	--	< 1.0	1.0	220	2.0	16	3.0	--	--	--
	06/28/00	--	< 1.0	2.0	330	3.0	35	4.0	--	--	--
	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	--	< 1.0	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
	04/17/18	< 1.0	< 1.0	< 1.0	100	< 1.0	32	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	100	< 1.0	18	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	75	< 1.0	13	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	87	< 1.0	15	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	85	< 1.0	17	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	<1.0	<1.0	68	0.61	14	0.51	<1.0	<1.0	<1.0
	12/08/21	<1.0	<1.0	<1.0	86	<1.0	18	0.48	<1.0	<1.0	<1.0
	06/15/22	<1.0	<1.0	<1.0	74	0.58	11	0.67	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	77	0.65	14	0.53	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	49	<1.0	11	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	54	<1.0	10	<1.0	<1.0	<1.0	<1.0
	04/05/00	--	< 1.0	2.0	3.0	< 1.0	2.0	< 1.0	--	--	--
	06/28/00	--	< 1.0	2.0	4.0	< 1.0	2.0	< 1.0	--	--	--
	11/19/00	--	< 0.5	1.3	2.7	0.7	0.7	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	1.46	3.22	< 1.0	< 1.0	< 1.0	--	--	--
	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	--	--	--

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-47	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
	04/17/18	< 1.0	< 1.0	< 1.0	**300**	3.3	**58**	3.7	< 1.0	< 1.0	< 1.0
	04/04/19	< 1.0	< 1.0	< 1.0	**220**	<1.0	**40**	2.9	< 1.0	< 1.0	< 1.0
	09/25/19	< 1.0	< 1.0	< 1.0	**220**	2.2	**36**	2.3	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	< 1.0	< 1.0	**230**	2.5	**42**	2.2	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	**240**	2.5	**41**	2.6	< 1.0	< 1.0	< 1.0
	06/02/21	<2.0	<2.0	<2.0	**190**	2.3	**48**	2.3	<2.0	<2.0	<2.0
	12/08/21	<2.0	<2.0	<2.0	**190**	2.1	**38**	2	<2.0	<2.0	<2.0
	06/15/22	<1.0	0.47	0.42	**180**	1.6	**40**	1.5	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	**150**	1.6	**31**	1.6	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	**120**	1.9	**26**	1.1	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	**110**	<1.0	**14**	<1.0	<1.0	<1.0	<1.0
6-48	04/05/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	06/28/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/19/00	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	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
	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<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	--	< 1.0	< 1.0	2.0	< 1.0	< 1.0	< 1.0	--	--	--
	11/19/00	--	< 0.5	< 0.5	2.4	< 0.5	< 0.5	< 0.5	--	--	--
	06/23/01	--	< 5	< 5	< 5	< 5	< 1.0	< 5	--	--	--
	10/24/01	--	< 1.0	< 1.0	4.13	< 1.0	< 1.0	< 1.0	--	--	--
	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
	06/19/20	< 1.0	< 1.0	< 1.0	3.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	< 1.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	0.5	<1.0	4.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/08/21	<1.0	<1.0	<1.0	4.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/15/22	<1.0	0.36	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/30/22	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
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	--	< 1.0	6.75	13.8	< 1.0	6.56	< 1.0	--	--	--
	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	< 1.0	**69.9**	< 5	--	--	--
	04/23/02	--	2.7	22	15	< 1.0	**42**	< 1.0	--	--	--
	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	2.1	12	< 1.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
	06/19/20	< 1.0	1	2.1	13	< 1.0	**18**	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/20	< 1.0	1.4	1.1	11	< 1.0	**16**	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/21	<1.0	1.7	1.2	9.3	0.77	**20**	<1.0	<1.0	<1.0	<1.0
	12/08/21	<1.0	1.6	1.1	12	0.4	**19**	<1.0	<1.0	0.15	<1.0
	06/15/22	<1.0	1.5	1.2	12	0.69	**21**	<1.0	<1.0	0.29	<1.0
	11/30/22	<1.0	1.5	1.2	12	0.77	**21**	<1.0	<1.0	<1.0	<1.0
	06/16/23	<1.0	1.2	<1.0	9	<1.0	**18**	<1.0	<1.0	<1.0	<1.0
	12/06/23	<1.0	1.4	<1.0	11	<1.0	**17**	<1.0	<1.0	<1.0	<1.0
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	--	< 1.0	1.86	9.21	< 1.0	2.14	< 1.0	--	--	--
	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	--	--	--
	05/24/05	--	< 1.0	< 1.0	2.3	< 1.0	< 1.0	< 1.0	--	--	--
6-53	06/28/00	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
	04/18/18	< 1.0	< 1.0	< 1.0	**28**	< 1.0	**25**	< 1.0	< 1.0	< 1.0	**4.8**
	06/04/18	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/04/19	3.8	< 1.0	< 1.0	4.8	< 1.0	6.9	< 1.0	< 1.0	< 1.0	**3.8**
	09/25/19	1.5	< 1.0	< 1.0	1.6	< 1.0	4.4	< 1.0	< 1.0	< 1.0	1.9
	06/19/20	1.1	< 1.0	< 1.0	5.6	< 1.0	**8.0**	< 1.0	< 1.0	< 1.0	**3.3**
	09/16/20	1.2	< 1.0	< 1.0	2.7	< 1.0	5.0	< 1.0	< 1.0	< 1.0	**2.1**
	12/02/20	< 1.0	< 1.0	< 1.0	7.4	< 1.0	**11.0**	< 1.0	< 1.0	< 1.0	**3.4**

Table 4

Summary of Groundwater Analytical Results (VOCs)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Benzene	PCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Carbon Tetra chloride	Chloroform	Vinyl Chloride
NMWQCC MCL		--	20	60	25	10	5	--	--	--	--
EPA SDWA MCL		5	5	200	25	5	7	70	5	100***	2
6-54	03/09/21	0.76	<2.0	<2.0	1.4	<2.0	1.9	<2.0	<2.0	<2.0	1.6
	06/03/21	1	<1.0	<1.0	3.7	<1.0	**6.5**	0.49	<1.0	<1.0	**2.2**
	09/08/21	<4.0	<4.0	<4.0	7.7	<10	**7.2**	<10	<4.0	<4.0	**4.3**
	12/08/21	0.5	<1.0	<1.0	0.9	<1.0	2.5	<1.0	<1.0	<1.0	0.41
	03/23/22	<5.0	<5.0	<5.0	7.8	<5.0	**11**	<5.0	<5.0	<5.0	<5.0
	06/15/22	<5.0	<5.0	<5.0	3.5	<5.0	3.8	<5.0	<5.0	<5.0	<5.0
	09/13/22	0.8	<2.0	<2.0	7.8	0.94	**16**	<2.0	<2.0	<2.0	**2.6**
	11/30/22	<2.0	<2.0	<2.0	3.2	<2.0	**5.7**	<2.0	<2.0	<2.0	1.4
	03/10/23	0.64	<2.0	<2.0	9.8	<2.0	**10**	<2.0	<2.0	<2.0	1.5
	06/15/23	<10	<10	<10	<10	<10	**15**	<10	<10	<10	<10
	09/21/23	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/06/23	<1.0	<1.0	<1.0	5.9	<1.0	**11**	<1.0	<1.0	<1.0	<1.0
6-PW1	03/20/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
6-PW2	03/20/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--
6-PW3	04/27/92	--	< 5	< 5	< 5	< 5	< 5	< 1.0	--	--	--
6-PW4	03/20/92	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5	--	--	--
6-PW6	04/27/92	--	< 5	< 5	< 5	< 5	15	< 1.0	--	--	--
	06/05/92	--	< 10	< 10	20	< 10	< 10	8.0	--	--	--
	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	6.0	< 1.0	< 1.0	< 0.2	--	--	--
	06/29/00	--	< 1.0	< 1.0	9.0	< 1.0	< 1.0	4.0	--	--	--
	06/24/01	--	< 5.0	< 5.0	< 5	< 5.0	< 1.0	7.0	--	--	--
	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	--	--	--
	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:
1) Analytical results are presented in micrograms per liter (µg/L).
2) EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminant Level
3) PCE - Tetrachloroethene, TCA - Trichloroethane, DCA - Dichloroethane, DCE - Dichloroethene
4) < - Analyte was not detected at or above the laboratory reported detection limit.
5) Bolded/shaded results exceed the respective EPA SDWA MCL.
6) -- = not analyzed, NS = not sampled
* = 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
*** = New Mexico Water Quality Control Comission water quality standard

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	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	--
	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** **1100**	1232 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

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
6-09	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
	04/18/18	**180**	1016
	06/05/18	**380**	1242
	07/10/18	**760**	1242
	08/14/18	**70**	1242
	12/13/18	**28**	1242
	04/04/19	**13**	1016
	09/25/19	**4.8**	1242
	06/19/20	**51**	1242
	09/16/20	**30**	1242
	12/02/20	NS	--
	03/08/21	NS	--
	06/01/21	NS	--
	09/07/21	NS	--
	12/06/21	NS	--
	11/30/22	**55**	1242
	06/15/23	**116**	--
	09/21/23	<0.500	--
	12/06/23	<1.14	--
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** **180**	1221 1242
	04/24/92	**190** **45**	1221 1242
	06/09/92	**410**	1221
	12/17/92	**400**	1242
	06/23/93	**430**	1242
	12/08/93	**74** **56**	1221 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** **130**	1221 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
	04/18/18	**9**	1016
	04/04/19	**12**	1016

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		0.5	--
	09/25/19	**27**	1242
	06/19/20	**32**	1242
	12/02/20	**24**	1242
	06/03/21	**30**	1242
	12/07/21	**25**	1242
	06/14/22	**22**	1242
	11/30/22	**23**	1242
	06/15/23	<0.500	--
	12/06/23	<0.500	--
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	--
	04/24/02	ND	--
	11/20/02	ND	--
	05/27/03	ND	--
	11/14/03	ND	--
	06/09/04	ND	--
	03/23/17	ND	--
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	--
	04/18/18	ND	--
	04/04/19	ND	--

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
	09/25/19	ND	--
	06/19/20	NS	--
	12/02/20	NS	--
	12/8/2021	ND	--
	6/15/2022	ND	--
	11/30/2022	ND	--
	6/16/2023	<0.500	--
	12/6/2023	<0.500	--
	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	--
6-13	09/07/17	ND	--
	12/06/17	ND	--
	04/18/18	ND	--
	06/05/18	**1.2**	1242
	07/11/18	ND	--
	08/14/18	ND	--
	12/13/18	ND	--
	04/04/19	ND	--
	09/25/19	ND	--
	06/19/20	ND	--
	09/16/20	ND	--
	12/20/20	ND	--
	03/09/21	ND	--
	06/03/21	ND	--
	09/08/21	ND	--
	12/07/21	ND	--
	03/23/22	ND	--
	06/14/22	ND	--
	09/13/22	ND	--
	11/30/22	ND	--
	03/10/23	NS	--
	06/15/23	<0.500	--
	09/21/23	<0.500	--
	12/06/23	<0.500	--
	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
	04/23/02	**1.31**	1221
	11/21/02	ND	--
	05/27/03	**1.0**	1016/1221

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Table 5

Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
6-14	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
	04/18/18	**12**	1016
	06/05/18	**3.3**	1242
	07/11/18	ND	--
	08/14/18	**9.0**	1242
	12/13/18	**2.1**	1242
	04/04/19	**30**	1016
	09/25/19	**3.0**	1242
	06/19/20	**40.0**	1221
	09/16/20	**4.2**	1242
	12/02/20	NS	--
	03/08/21	NS	--
	06/01/21	NS	--
	09/07/21	NS	--
	12/08/21	ND	--
	03/23/22	ND	--
	06/15/22	ND	--
	09/13/22	ND	--
	11/30/22	ND	--
	03/10/23	NS	--
	06/15/23	<0.500	--
	09/21/23	<0.500	--
	12/06/23	<5.56	--
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	--
	04/18/18	ND	--
	04/04/19	**0.58**	1016
	09/25/19	ND	--
	06/19/20	**2.6**	1242
	12/02/20	ND	--
	06/03/21	**2.2**	1242
	12/07/21	ND	--
	06/15/22	ND	--
	11/30/22	ND	--
	06/15/23	<0.500	--
	12/06/23	<0.500	--
6-16	06/09/92	ND	--
	03/23/17	ND	--
	04/18/18	ND	--
	04/04/19	ND	--
	09/25/19	ND	--
	06/19/20	ND	--
	12/02/20	ND	--
	06/02/21	ND	--
	06/15/22	ND	--
	11/30/22	ND	--
	06/16/23	<0.704	--
6-17	06/16/93	ND	--
	03/22/17	ND	--

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
6-18	06/08/92	ND	--
	12/08/92	ND	--
	06/09/92	ND	--
	03/22/17	ND	--
	04/18/18	ND	--
	09/25/19	ND	--
	06/19/20	**1.5**	1242
	12/02/20	ND	--
	06/03/21	**3.9**	1242
	12/07/21	ND	--
	06/14/22	ND	--
	11/30/22	ND	--
	06/16/23	<0.500	--
	12/06/23	<0.500	--
6-19	03/23/17	ND	--
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	--
	04/04/19	**0.96**	1016
	12/07/21	ND	--
	06/14/22	ND	--
	11/30/22	ND	--
	06/15/23	<0.500	--
	12/06/23	<0.500	--
	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
	11/12/97	ND	--
	11/14/97	**129**	1221
	06/18/98	**81**	1232
	12/08/98	**53**	1232
	06/09/99	**40** **160**	1016 1221

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
6-20C	10/18/99	**35** **160**	1016 1221
	07/01/00	**140** **27**	1221 1242
	11/20/00	**106** **24.8**	1221 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
	04/18/18	**19**	1016
	04/04/19	**36**	1016
	09/25/19	**5.4**	1242
	06/19/20	**55**	1242
	12/02/20	**110**	1221
	12/08/21	ND	--
	06/14/22	ND	--
	11/30/22	ND	--
	06/15/23	<0.500	--
	12/06/23	<0.500	--
6-21A	12/09/92	ND	--
	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	--
	04/18/18	ND	--

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
	06/05/18	0.29	1242
	07/11/18	ND	--
	08/14/18	ND	--
	12/13/18	0.29	1242
	04/04/19	ND	--
	09/25/19	ND	--
	06/19/20	**1.1**	1242
	09/16/20	ND	--
	12/02/20	ND	--
	03/09/21	ND	--
	06/01/21	NS	--
	09/08/21	ND	--
	12/06/21	ND	--
	03/23/22	ND	--
	06/14/22	ND	--
	09/13/22	ND	--
	11/30/22	ND	--
	03/10/23	NS	--
	06/15/23	<0.500	--
	09/21/23	<0.500	--
	12/06/23	<0.500	--
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
	11/14/97	**128**	1221
	06/18/98	**120**	1232
	12/09/98	**65**	1232
	*6/10/1999	**50** **160**	1016 1221
	10/19/99	**53** **170**	1016 1221
	07/02/00	**150** **43**	1221 1242
	11/21/00	**268** **77.8**	1221 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
	04/18/18	**100**	1016
	06/05/18	**5.8**	1242
	07/10/18	**3.6**	1242
	08/14/18	ND	--
	12/13/18	**3.4**	1242
	04/04/19	**3.3**	1016
	09/25/19	**19**	1242
	06/19/20	**26**	1242
	09/16/20	**4.9**	1242

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
	12/02/20	ND	--
	03/08/21	ND	--
	06/01/21	ND	--
	09/07/21	ND	--
	12/06/21	ND	--
	09/21/23	<1.61	--
	12/06/23	<0.500	--
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
	04/18/18	**1.1**	1016
	06/05/18	**1.4**	1242
	07/11/18	**1.5**	1242
	08/14/18	**5.1**	1242
	12/13/18	**2.6**	1242
	04/04/19	**0.76**	1016
	09/25/19	**0.77**	1242
	06/19/20	**20**	1242
	09/16/20	**0.75**	1242
	12/02/20	**1.8**	1242
	03/09/21	**3**	1242
	06/03/21	**2**	1242
	09/08/21	**2.4**	1242
	12/07/21	**1.3**	1242
	03/23/22	**2.1**	1242
	06/14/22	**1.4**	1242
	09/13/22	**1.6**	1242
	11/30/22	**2.0**	1242
	06/15/23	<0.980	--
	09/21/23	<0.806	--
	12/06/23	<0.500	--
	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

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
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Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
6-22C	11/10/95	**43.4**	1242
	05/29/96	**118**	1242
	11/13/96	**90.5**	1242
	05/29/97	**149**	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
	04/18/18	**690**	1016
	06/05/18	**510**	1242
	07/11/18	**350**	1242
	08/14/18	**2200**	1242
	12/13/18	**4700**	1242
	04/04/19	**440**	1016
	09/25/19	**1400**	1242
	06/19/20	**1500**	1242
	09/16/20	**1100**	1242
	12/02/20	**960**	1242
	03/09/21	**2900**	1242
	06/03/21	**2100**	1242
	09/07/21	NS	--
	12/06/21	NS	--
	06/14/22	**1000**	1242
	09/13/22	**240**	1242
	11/30/22	**250**	1242
	06/15/23	**77.0**	--
	09/21/23	**61.1**	--
	12/06/23	**169**	--
6-23	07/28/92	ND	--
	03/22/17	ND	--
	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	--
6-37	03/23/17	ND	--
6-38	03/23/17	ND	--
6-39	03/23/17	ND	--
	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

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
6-40	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
	04/18/18	**12**	1016
	06/05/18	**63**	1242
	07/11/18	**7.2**	1242
	08/14/18	**9.2**	1242
	12/13/18	**7.7**	1242
	04/04/19	**22**	1016
	09/25/19	**4.2**	1242
	06/19/20	**54**	1221
	09/16/20	**7.2**	1242
	12/02/20	**2.8**	1242
	03/09/21	**20**	1242
	06/02/21	**20**	1221
	09/08/21	**14**	1221
	12/07/21	**9.2**	1242
	03/23/22	**2.6**	1016
	06/14/22	**5.1**	1221
	09/13/22	**16**	1221
	11/30/22	**8.2**	1016
	03/10/23	NS	--
	06/15/23	<0.500	--
	09/21/23	**6.49**	--
	12/06/23	<0.500	--
6-41	12/10/98	ND	--
	03/23/17	**15**	1016
	04/18/18	**15**	1016
	4/4/2019	**15**	1016
	9/25/2019	**1.3**	1242
	6/19/2020	**2.8**	1221
	12/2/2020	**6.2**	1221
	12/8/2021	ND	--
	6/15/2022	**7.7**	1221
	11/30/2022	**2.1**	1016
	6/16/2023	<0.500	--
	12/6/2023	<0.500	--
6-42	06/10/99	ND	--
	03/23/17	ND	--
	12/10/98	ND	--
	03/23/17	ND	--
	12/10/98	ND	--
	03/23/17	ND	--
	11/19/00	ND	--
	06/23/01	**41.3**	1242
	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	--

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
	06/14/12	ND	--
	07/25/13	ND	--
	03/22/17	ND	--
	06/19/20	ND	--
	12/02/20	ND	--
	06/02/21	ND	--
	12/08/21	ND	--
	06/15/22	ND	--
	11/30/22	ND	--
	06/16/23	<0.962	--
	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	--
6-46	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	--
	06/19/20	ND	--
	12/02/20	ND	--
	06/02/21	ND	--
	12/08/21	ND	--
	06/15/22	ND	--
	11/30/22	ND	--
	06/16/23	<0.500	--
	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	--
6-47	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	--
6-48B	03/22/17	ND	--
6-49B	03/22/17	ND	--
	04/18/18	**1300**	1016
	06/19/20	NS	--
	09/16/20	**470**	1242
	12/02/20	**77**	1242
	03/09/21	**21**	1242
	06/03/21	**1700**	1242
	09/08/21	**1300**	1242
6-54	12/08/21	**520**	1242
	03/23/22	**160**	1242
	06/15/22	**68**	1242
	09/13/22	**110**	1242
	11/30/22	**34**	1242
	03/10/23	NS	--

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Summary of Groundwater Analytical Results (PCB)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well ID	Date	Total PCB Concentration	Aroclor Reported
EPA SDWA MCL		**0.5**	**--**
	06/15/23	**37.3**	--
	09/21/23	**25.7**	--
	12/06/23	**103**	--
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:

1) PCB = polychlorinated biphenyl
2) Analytical results are presented in micrograms per liter (µg/L).
3) EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminate Level
4) Bolded/shaded results exceed the respective EPA SDWA MCL.
5) ND = not detected above the laboratory detection limit
6) NS = not sampled due to insufficient groundwater volume in monitoring well
7) -- = not applicable

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Summary of Groundwater Analytical Results (ISEB Monitoring Wells)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well	Date	Benzene	1,1-DCA	1,1-DCE	PCB	Nitrate	Sulfate	TOC	Methane	Ethane	Ethene
EPA SDWA MCL		5	25	7	0.5	10	250*	ne	ne	ne	ne
6-09	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
	04/18/18	2.1	**41**	**13**	**180**	< 0.50	4.4	280	--	--	--
	06/05/18	1.4	**20**	**7.4**	**380**	< 0.50	3.6	350	--	--	--
	07/11/18	< 2.0	< 2.0	< 2.0	**760**	< 0.50	20	1300	--	--	--
	08/14/18	< 2.0	< 2.0	< 2.0	**70**	< 0.50	--	1300	--	--	--
	12/13/18	< 2.0	6.4	3.2	**28**	<0.10	< 0.50	1200	--	--	--
	04/04/19	1.8	17	6.7	**13**	< 0.50	< 2.5	1700	--	--	--
	09/25/19	2.1	22	6.7	**4.8**	< 0.50	< 2.5	1000	--	--	--
	06/19/20	2.0	3.9	5.3	**51**	--	< 5.0	350	--	--	--
	09/16/20	2.2	5.1	5.6	**30**	< 0.50	< 2.5	470	--	--	--
	12/02/20	Not sampled due to presence of EVO in well									
	03/08/21	Not sampled due to presence of EVO in well									
	06/01/21	Not sampled due to presence of EVO in well									
	09/07/21	Not sampled due to presence of EVO in well									
	12/06/21	Not sampled due to presence of EVO in well									
	03/23/22	0.93	**80**	**19**	--	--	--	--	--	--	--
	09/13/22	1.6	**60**	**26**	--	--	--	--	--	--	--
6-13	12/14/16	3	9.8	**10**	**3.2**	--	--	55	--	--	--
	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
	04/17/18	1.9	10	**8.6**	< 1.0	< 0.10	220	41	--	--	--
	06/05/18	2.1	12	**12**	1.2	0.5	210	44	--	--	--
	07/11/18	1.7	12	**10**	< 0.25	< 2.0	210	210	--	--	--
	08/14/18	2.2	18	**17**	< 0.25	0.57	--	46	--	--	--
	12/13/18	2.9	17	**21**	< 0.25	< 0.10	170	50	--	--	--
	04/04/19	2.2	13	**11**	< 0.25	< 0.50	220	46	--	--	--
	09/25/19	2.8	14	**12**	< 0.25	< 0.50	200	54	--	--	--
	06/19/20	2.5	17	**10**	< 1.0	--	230	45	--	--	--
	09/16/20	2.8	21	**14**	< 0.25	<0.50	280	49	--	--	--
	12/02/20	2.9	22	**15**	< 0.25	0.34	210	46	--	--	--
	03/09/21	1.6	13	**13**	ND	<0.50	230	39	--	--	--
	03/09/21	2.4	19	**22**	ND	--	--	--	--	--	--
	06/03/21	2.5	18	**19**	ND	<0.50	180	41	--	--	--
	09/08/21	3.3	**27**	**25**	ND	<1.0	140	--	--	--	--
	12/07/21	2	16	**13**	ND	0.086	180	--	--	--	--
	03/23/22	2.2	22	**17**	--	<1.0	170	37	--	--	--
	06/14/22	2.4	22	**18**	--	--	190	--	--	--	--
	09/13/22	2.7	24	**22**	--	<0.50	200	41	--	--	--
	11/30/22	3.2	**34**	**31**	--	<0.50	240	--	--	--	--
	03/10/23	2.2	**27**	**25**	--	<0.50	220	--	--	--	--
	06/15/23	2.6	**30**	**34**	<0.500	0.154	157	37.9	--	--	--
	09/21/23	<50	<50	<50	<0.500	<0.100	154	42.6	--	--	--
	12/06/23	3.3	**34**	**43**	<0.500	<1.00	183	38.8	--	--	--
6-14	12/14/16	1.4	**53**	**20**	**22**	--	--	15	--	--	--
	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
	04/18/18	1.4	**53**	**20**	**12**	< 0.10	**380**	14	--	--	--
	06/05/18	1.6	**58**	**23**	**3.3**	< 0.10	**350**	17	--	--	--
	07/11/18	1.5	**57**	**25**	**4.0**	< 0.10	**350**	16	--	--	--
	08/14/18	2.0	**80**	**29**	**9.0**	< 0.10	--	19	--	--	--
	12/13/18	< 1.0	**47**	**11**	**2.1**	< 0.10	**390**	18	--	--	--
	04/04/19	1.5	**56**	**21**	**30**	< 0.50	**380**	17	--	--	--
	09/25/19	1.8	**52**	**17**	**3.0**	< 0.50	**360**	17	--	--	--
	06/19/20	1.2	**42**	**18**	**40**	--	**350**	14	--	--	--
	09/16/20	< 1.0	10	1.3	**4.2**	< 0.50	8.9	820	--	--	--
	12/02/20	Not sampled due to presence of EVO in well									
	03/08/21	Not sampled due to presence of EVO in well									
	06/01/21	Not sampled due to presence of EVO in well									
	09/07/21	Not sampled due to presence of EVO in well									
	12/08/21	0.88	5.5	1.2	ND	<2.0	2.6	--	--	--	--
	03/23/22	1.2	4.6	2.4	--	0.19	4.5	5,300	--	--	--
	06/15/22	<5.0	8.2	<10	--	--	3.7	--	--	--	--
	09/13/22	1.3	4.7	1.6	--	<0.50	4.3	2700	--	--	--

Table 6

Summary of Groundwater Analytical Results (ISEB Monitoring Wells)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well	Date	Benzene	1,1-DCA	1,1-DCE	PCB	Nitrate	Sulfate	TOC	Methane	Ethane	Ethene
EPA SDWA MCL		5	25	7	0.5	10	250*	ne	ne	ne	ne
	11/30/22	1.5	6.8	2	--	<0.50	<2.5	--	--	--	--
	03/10/23	1.5	6.3	1.7	--	<0.50	2.8	--	--	--	--
	06/15/23	1.1	6.3	1.7	<0.500	0.793	16.3	1,390	--	--	--
	09/21/23	<50	<50	<50	<0.500	<0.100	21.9	897	--	--	--
	12/06/23	1.1	10	<1.0	<5.56	7.19	25.1	2,030	--	--	--
6-21B	12/14/16	2.2	**52**	**14**	**55**	--	--	24	--	--	--
	03/23/17	2.6	**72**	**21**	< 0.25	--	17	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
	04/18/18	1	**58**	**14**	< 1.0	2.2	**450**	17	--	--	--
	06/05/18	1.6	**80**	**26**	0.29	1.4	**320**	19	--	--	--
	07/11/18	< 1.0	**46**	**11**	< 0.25	2.7	**590**	18	--	--	--
	08/14/18	< 1.0	**71**	**18**	< 0.25	3.0	--	18	--	--	--
	12/13/18	1.3	**68**	**24**	0.29	1.9	**650**	18	--	--	--
	04/04/19	< 1.0	**39**	**11**	< 0.25	3.3	**880**	16	--	--	--
	09/25/19	< 1.0	**40**	**9.1**	< 0.25	3.3	**650**	19	--	--	--
	06/19/20	< 1.0	**41**	**11**	**1.1**	--	**540**	17	--	--	--
	09/16/20	< 1.0	**50**	**11**	< 0.25	2.1	**390**	21	--	--	--
	12/02/20	< 1.0	**41**	**11**	< 0.25	4.3	**820**	17	--	--	--
	03/09/21	0.31	**31**	**11**	ND	4.8	**810**	16	--	--	--
	06/01/21	Not sampled due to presence of EVO in well									
	09/08/21	<4.0	10	4.4	ND	<1.0	130	--	--	--	--
	12/06/21	Not sampled due to presence of EVO in well									
	03/23/22	2.1	11	3.8	--	0.19	**290**	110	--	--	--
	06/14/22	2	12	3.9	--	--	**660**	--	--	--	--
	09/13/22	1.7	10	4.6	--	<0.50	**480**	49	--	--	--
	11/30/22	1.4	10	3.8	--	<0.50	**660**	--	--	--	--
	03/10/23	1.3	12	4.6	--	<0.50	**640**	--	--	--	--
	06/15/23	1.7	7.2	6.6	<0.500	<0.100	**398**	52.4	--	--	--
	09/21/23	<50	<50	<50	<0.500	<0.100	164	48	--	--	--
	12/06/23	1.6	10	**7.3**	<0.500	<1.00	**341**	44.6	--	--	--
6-21C	12/14/16	2.5	**82**	**54**	**76**	--	--	17	--	--	--
	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
	04/18/18	2	**82**	**56**	**100**	< 0.10	220	16	--	--	--
	06/05/18	1.2	**22**	**8.4**	**5.8**	0.22	1.7	670	--	--	--
	07/11/18	1.7	**37**	**13**	**3.6**	< 0.10	4.7	820	--	--	--
	08/14/18	3.0	**65**	**23**	< 1.2	0.32	--	870	--	--	--
	12/13/18	< 2.0	5.1	3.7	**3.4**	< 0.50	< 2.5	510	--	--	--
	04/04/19	< 2.0	2.9	5.8	**3.3**	< 0.50	< 2.5	150	--	--	--
	09/25/19	1.5	< 1.0	2.1	**19**	< 0.50	< 2.5	100	--	--	--
	06/19/20	1.6	< 1.0	4.6	**26**	--	< 5.0	87	--	--	--
	09/16/20	1.3	< 1.0	2.5	**4.9**	< 0.50	4.9	87	--	--	--
	12/02/20	Not sampled due to presence of EVO in well									
	03/08/21	Not sampled due to presence of EVO in well									
	06/01/21	Not sampled due to presence of EVO in well									
	09/07/21	Not sampled due to presence of EVO in well									
	12/06/21	Not sampled due to presence of EVO in well									
	09/13/22	<50	<50	<50	--	<0.50	18	9400	--	--	--
	11/30/22	<50	<50	<50	--	<0.50	5.9	--	--	--	--
	03/10/23	<20 D	<20 D	<20 D	--	--	--	--	--	--	--
	06/15/23	<10	<10	<10	--	1.19	33.8	2,840	--	--	--
	09/21/23	<100	<100	<100	<1.61	5.03	17.5	2,420	--	--	--
	12/06/23	<1,000	<1,000	<1,000	<0.500	9.95	9.68	1,020	--	--	--
6-22B	12/14/16	**10**	< 1.0	< 1.0	**33**	--	--	22	--	--	--
	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
	04/18/18	1.3	< 1.0	< 1.0	**1.1**	< 0.10	**1000**	19	--	--	--
	06/05/18	1.0	< 1.0	< 1.0	**1.4**	< 0.10	**1000**	19	--	--	--
	07/11/18	< 1.0	< 1.0	< 1.0	**1.5**	< 0.10	**1100**	22	--	--	--
	08/14/18	1.1	< 1.0	< 1.0	**5.1**	< 2.0	--	22	--	--	--
	12/13/18	1.1	< 1.0	< 1.0	**2.6**	< 0.10	**1100**	20	--	--	--
	04/04/19	1.1	< 1.0	< 1.0	**0.76**	< 0.10	**1000**	23	--	--	--
	09/25/19	1.4	< 1.0	< 1.0	**0.77**	< 0.50	**900**	23	--	--	--
	06/19/20	1.2	< 1.0	< 1.0	**20**	--	**790.0**	22.0	--	--	--
	09/16/20	3.5	< 1.0	< 1.0	**0.75**	< 0.50	**990**	22	--	--	--
	12/02/20	1.9	< 1.0	< 1.0	**1.8**	0.29	**1000**	20	--	--	--
	03/09/21	0.82	<1.0	<1.0	**3**	0.79	**910**	24	--	--	--

Summary of Groundwater Analytical Results (ISEB Monitoring Wells)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well	Date	Benzene	1,1-DCA	1,1-DCE	PCB	Nitrate	Sulfate	TOC	Methane	Ethane	Ethene
EPA SDWA MCL		5	25	7	0.5	10	250*	ne	ne	ne	ne
	06/03/21	1.2	<1.0	<1.0	2	<0.50	970	24	--	--	--
	09/08/21	1.4	0.51	<1.0	2.4	<1.0	980	--	--	--	--
	12/07/21	1.2	<1.0	<1.0	1.3	<0.50	940	--	--	--	--
	03/23/22	0.68	0.44	<1.0	--	0.18	980	21	--	--	--
	06/14/22	2	<5.0	<5.0	--	--	--	--	--	--	--
	09/13/22	1.3	0.57	<1.0	--	<0.10	1,100	20	--	--	--
	11/30/22	1.3	<1.0	<1.0	--	<0.50	1,100	--	--	--	--
	03/10/23	1.1	<1.0	<1.0	--	0.16	900	--	--	--	--
	06/15/23	1.7	<1.0	<1.0	<0.980	<0.100	841	36.1	--	--	--
	09/21/23	<50	<50	<50	<0.806	<0.500	1,090	26.1	--	--	--
	12/06/23	<1.0	<1.0	<1.0	<0.500	<1.00	573	20.6	--	--	--
6-22C	12/14/16	2.4	66	37	500	--	--	16	--	--	--
	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
	04/18/18	2.7	52	28	690	< 0.50	420	16	--	--	--
	06/05/18	2.3	44	21	510	< 0.50	390	17	--	--	--
	07/11/18	1.8	43	25	350	< 0.50	420	16	--	--	--
	08/14/18	2.8	58	32	2200	< 0.50	--	18	--	--	--
	12/13/18	< 5.0	46	23	4700	< 2.0	370	17	--	--	--
	04/04/19	3.8	46	22	440	< 0.50	350	19	--	--	--
	09/25/19	3.9	33	17	1400	< 0.50	380	17	--	--	--
	06/19/20	4.1	33	18	1500	--	350	16	--	--	--
	09/16/20	2.0	12	5.2	1100	< 0.50	9.8	1500	--	--	--
	12/02/20	5.5	17	6.6	960	< 0.50	3.5	890	--	--	--
	03/09/21	3	14	7.5	2900	<0.10	29	380	--	--	--
	06/03/21	2.6	4.3	1.9	2100	<0.50	<2.5	580	--	--	--
	09/07/21	Not sampled due to presence of EVO in well									
	12/06/21	Not sampled due to presence of EVO in well									
	06/14/22	7.7	5.5	<10	--	--	<2.5	--	--	--	--
	09/13/22	7	1.4	1.2	--	<0.50	<2.5	320	--	--	--
	11/30/22	6.2	1.6	1.7	--	<0.50	27	--	--	--	--
	06/15/23	4.8	1.7	2.4	77	0.464	15.8	183	--	--	--
	09/21/23	<50	<50	<50	61.1	0.776	26.9	317	--	--	--
	12/06/23	6.6	1.6	3.8	169	<0.100	1.48	205	--	--	--
6-40	12/14/16	1.3	67	29	21	--	--	15	--	--	--
	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
	04/18/18	< 1.0	57	23	12	< 0.10	380	15	--	--	--
	06/05/18	< 1.0	51	18	63	< 0.10	310	16	--	--	--
	07/11/18	< 1.0	51	20	7.2	< 0.10	330	16	--	--	--
	08/14/18	1.2	78	29	9.2	< 0.10	--	16	--	--	--
	12/13/18	< 1.0	75	25	7.7	< 0.10	340	17	--	--	--
	04/04/19	1.2	61	23	22	--	--	--	--	--	--
	09/25/19	1.4	54	21	4.2	< 0.50	350	17	--	--	--
	06/19/20	1.1	45	21	54	--	360	14	--	--	--
	09/16/20	1.0	63	20	7.2	< 0.50	150	95	--	--	--
	12/02/20	< 1.0	68	21	2.8	< 0.50	140	18	--	--	--
	03/09/21	0.95	70	22	20	<0.50	230	19	--	--	--
	06/02/21	1.7	71	26	20	0.46	110	--	--	--	--
	09/08/21	1.5	77	27	14	<1.0	100	--	--	--	--
	12/07/21	1.1	70	21	9.2	0.074	120	--	--	--	--
	03/23/22	1	81	19	'--	0.24	180	18	--	--	--
	06/14/22	1.1	87	19	'--	--	110	--	--	--	--
	09/13/22	1.7	60	26	'--	<0.50	53	20	--	--	--
	11/30/22	1.7	75	29	'--	<0.50	50	--	--	--	--
	03/10/23	1.2	40	15	'--	<0.50	69	--	--	--	--
	06/15/23	<1.0	24	12	<0.500	0.123	129	14.7	--	--	--
	06/15/23	<1.0	24	13	'--	--	--	--	--	--	--
	09/21/23	<50	<50	<50	6.49	<0.100	161	15	--	--	--
	12/06/23	<1.0	17	9.4	<0.500	<0.100	182	14.1	--	--	--
	04/18/18	< 1.0	28.0	25	1300	< 0.50	34	60	--	--	--
	06/05/18	< 1.0	< 1.0	< 1.0	--	< 0.50	< 2.5	1000	--	--	--
	04/04/19	< 2.0	4.8	6.9	--	--	--	--	--	--	--
	09/25/19	1.5	1.6	4.4	--	< 1.0	2.9	980	--	--	--
	06/19/20	1.1	5.6	8.0	--	--	37	380	--	--	--
	09/16/20	1.2	2.7	5.0	470	< 0.50	31	1100	--	--	--

Table 6

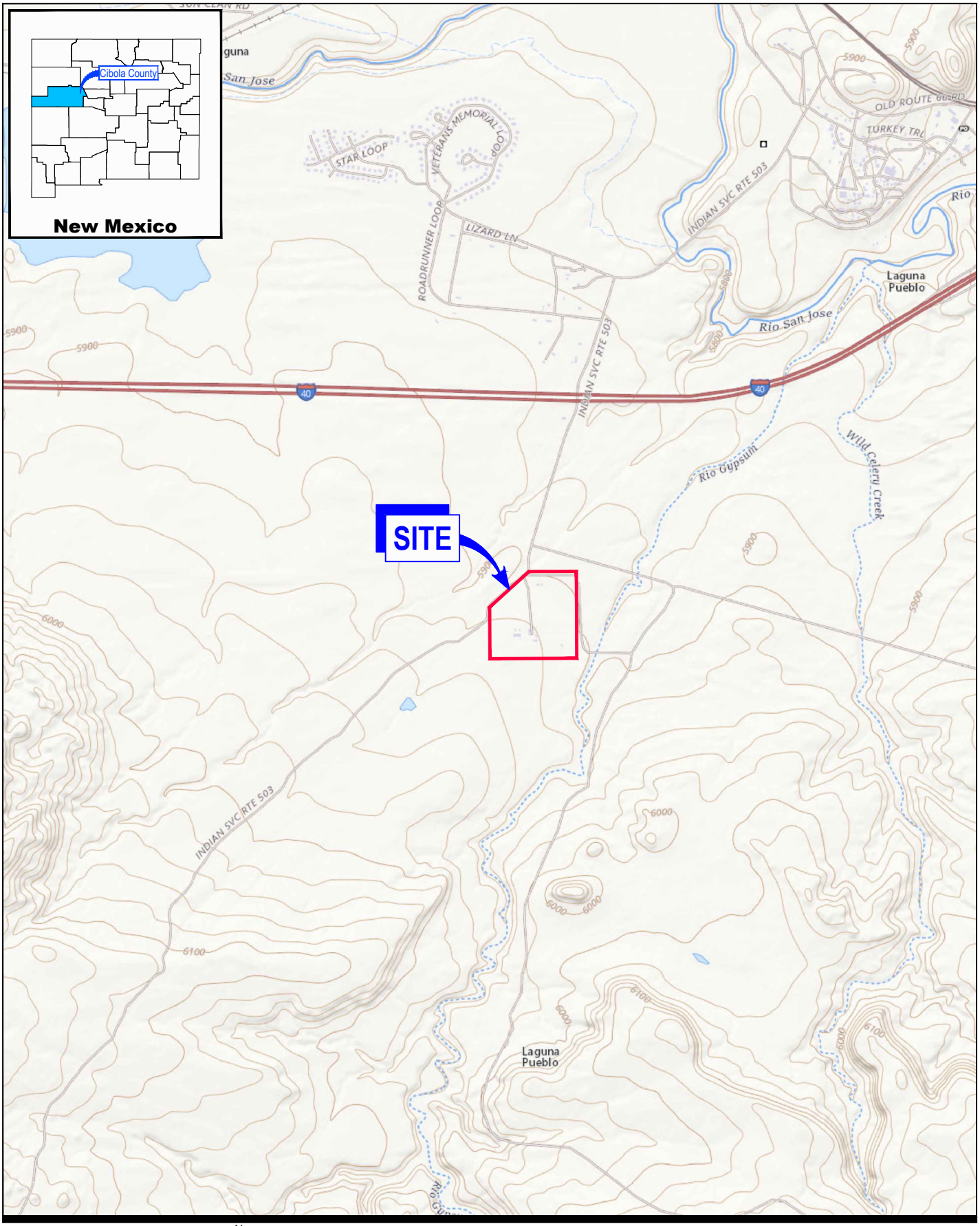
Summary of Groundwater Analytical Results (ISEB Monitoring Wells)
Laguna Compressor Station No. 6
Cibola County, New Mexico
Transwestern Pipeline Company, LLC
NMOCD AP-103

Well	Date	Benzene	1,1-DCA	1,1-DCE	PCB	Nitrate	Sulfate	TOC	Methane	Ethane	Ethene
EPA SDWA MCL		5	25	7	0.5	10	250*	ne	ne	ne	ne
6-54	12/02/20	< 1.0	7.4	11.0	**77.0**	--	--	460	--	--	--
	03/09/21	0.76	1.4	1.9	**21**	<0.50 H	2.9	730	--	--	--
	06/03/21	1	3.7	6.5	**1700**	--	--	1,200	--	--	--
	09/08/21	<4.0	7.7	**7.2**	**1300**	<1.0	50	--	--	--	--
	12/08/21	0.5	0.9	2.5	**520**	<1.0	<2.5	--	--	--	--
	03/23/22	<5.0	7.8	**11.0**	--	<1.0	110	210	--	--	--
	06/15/22	<5.0	3.5	3.8	--	--	20	--	--	--	--
	09/13/22	0.8	7.8	**16**	--	<0.50	120	170	--	--	--
	11/30/22	<2.0	3.2	5.7	--	<0.50	37	--	--	--	--
	03/10/23	0.64	9.8	**10**	--	<0.50	110	--	--	--	--
	06/15/23	<10	<10	**15**	**37.3**	<0.100	162	160	--	--	--
	09/21/23	<50	<50	<50	**25.7**	<0.100	143	63.9	--	--	--
	12/06/23	<1.0	5.9	**11**	**103**	<1.00	169	80.1	--	--	--

Notes:

1) Analytical results are presented in micrograms per liter (µg/L), except nitrate, sulfate, TOC, methane, ethane, and ethene which are presented in milligrams per liter (mg/L).
2) EPA SDWA MCL = Environmental Protection Agency Safe Drinking Water Act Maximum Contaminant Level
3) TOC - total organic carbon, DCA - Dichloroethane, DCE - Dichloroethene
4) < - Analyte was not detected at or above the laboratory reported detection limit.
5) Bolded/shaded results exceed the respective EPA SDWA MCL.
6) -- = not analyzed
7) * = EPA SDWA Secondary Drinking Water Standard MCL

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0 1000 2000 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico West (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
CIBOLA COUNTY, NEW MEXICO
LAGUNA COMPRESSOR STATION No. 6
NMOCD AP-103

Project No. **12603647**
Date **February 2024**

SITE LOCATION MAP

FIGURE 1

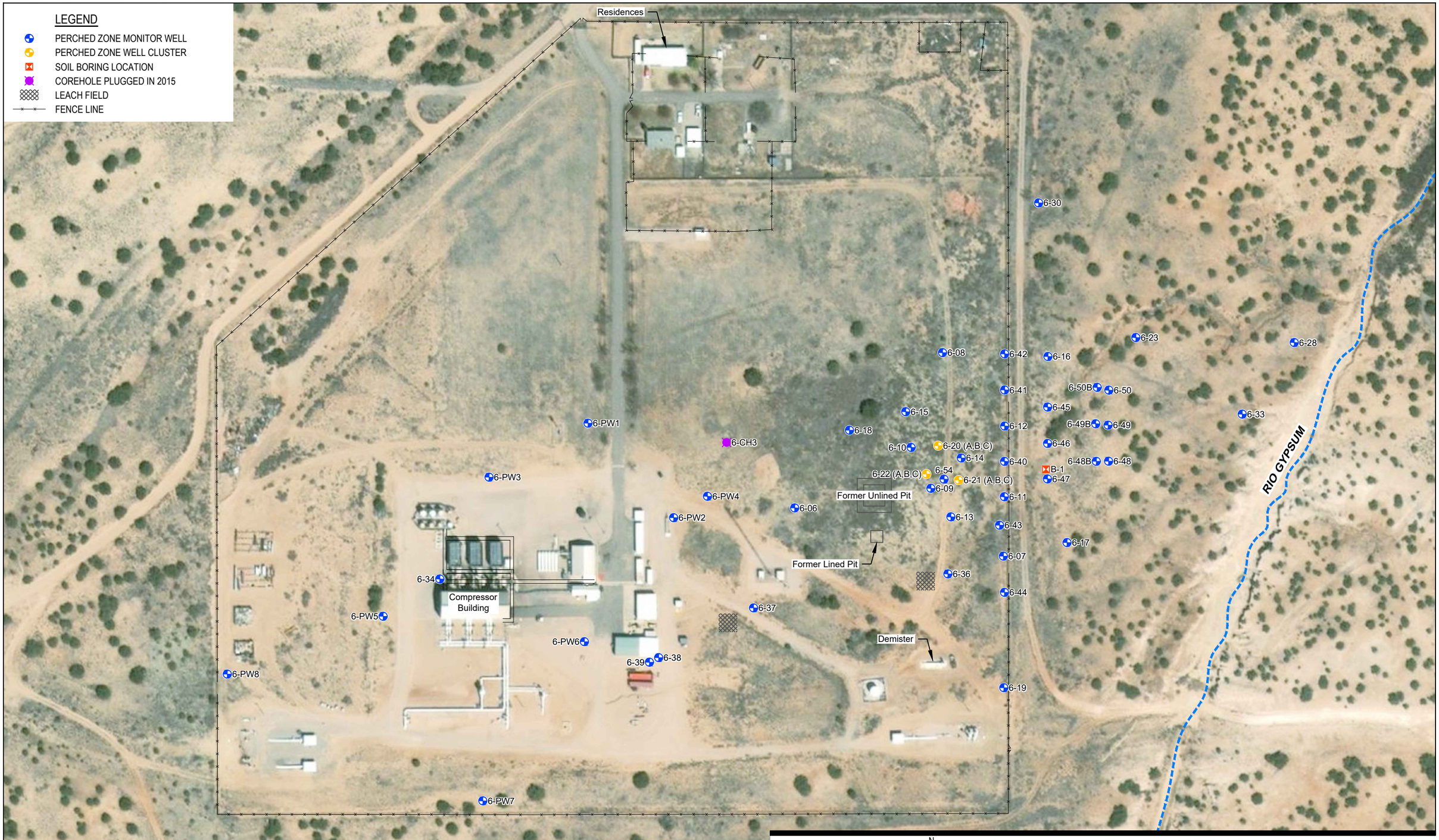
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Plot Date: 26 February 2024 11:01 AM

Data Source: USGS 7.5 Minute Quad "Laguna, New Mexico"
Lat/Long: 35.0170° North, 107.4020° West

Received by OCD: 5/2/2024 6:19:13 AM

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Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603647\Digital_Design\ACAD\Figures\RPT003\12603647-GHD-00-00-RPT-EN-D101_DL-001.dwg
Plot Date: 04 March 2024 6:59 AM

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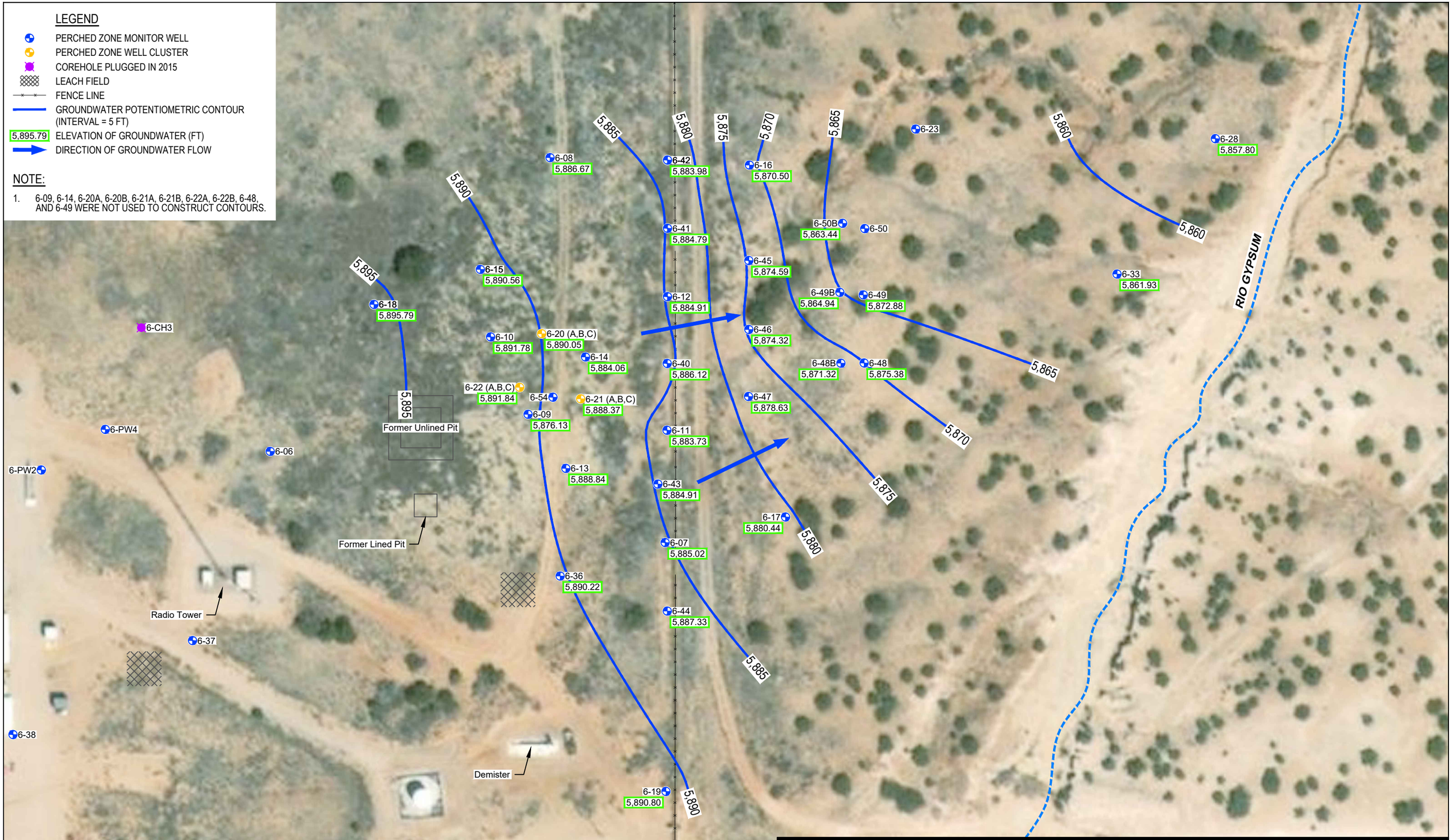
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LEGEND

- PERCHED ZONE MONITOR WELL
- PERCHED ZONE WELL CLUSTER
- COREHOLE PLUGGED IN 2015
- LEACH FIELD
- FENCE LINE
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 5 FT)
- 5,895.79 ELEVATION OF GROUNDWATER (FT)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. 6-09, 6-14, 6-20A, 6-20B, 6-21A, 6-21B, 6-22A, 6-22B, 6-48, AND 6-49 WERE NOT USED TO CONSTRUCT CONTOURS.



0 40 80 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico West (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
CIBOLA COUNTY, NEW MEXICO
LAGUNA COMPRESSOR STATION No. 6
NMOCD AP-103

POTENTIOMETRIC SURFACE MAP (JUNE 2023)

Project No. **12603647**
Date **April 2024**

FIGURE 3

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603647\Digital_Design\ACAD\Figures\RPT003\12603647-GHD-00-00-RPT-EN-D103_DL-003.dwg
Plot Date: 26 April 2024 4:19 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 35.0170° North, 107.4020° West

Received by OCD: 5/2/2024 6:19:13 AM
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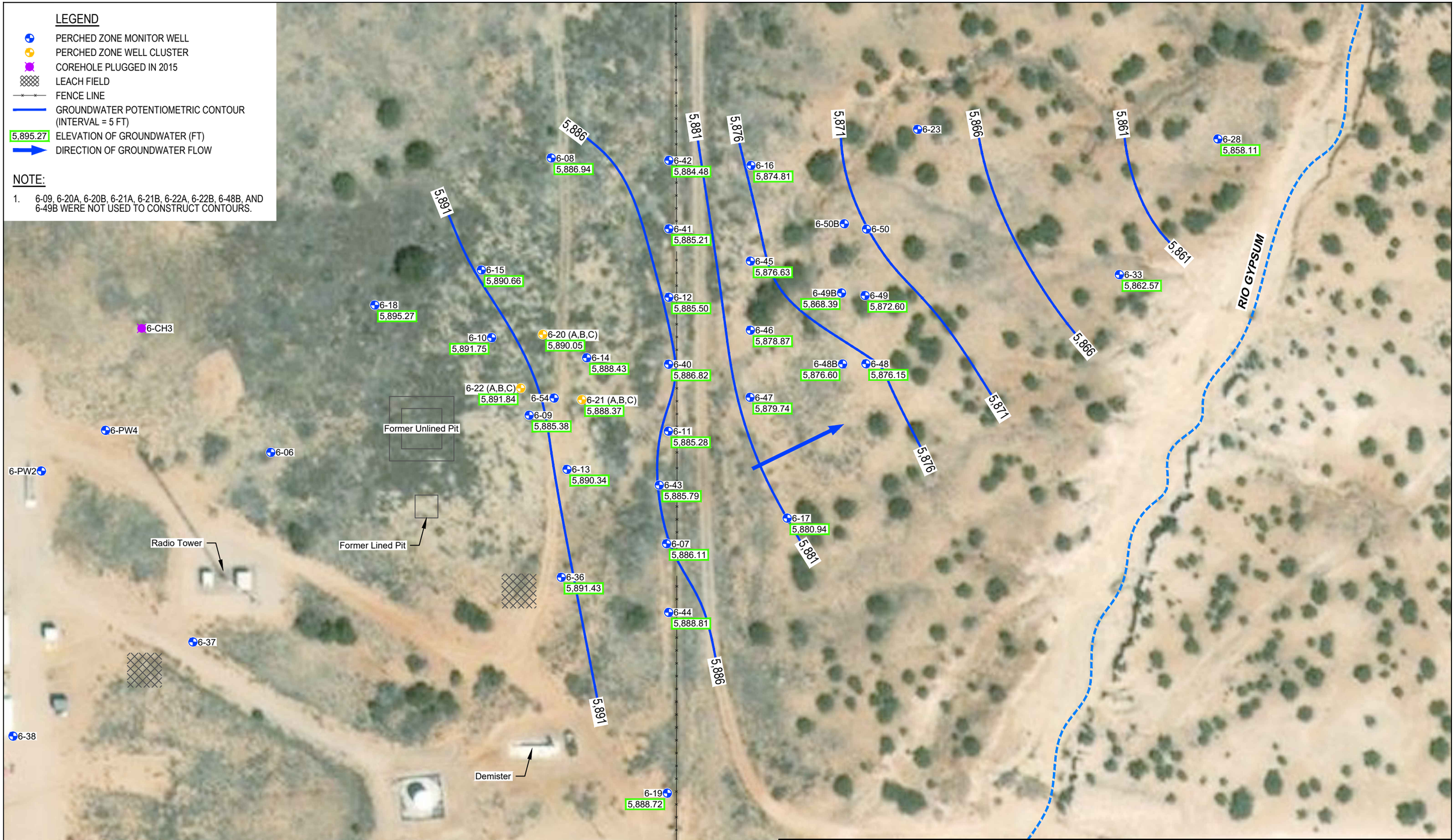
Page 89 of 587

LEGEND

- PERCHED ZONE MONITOR WELL
- PERCHED ZONE WELL CLUSTER
- COREHOLE PLUGGED IN 2015
- LEACH FIELD
- FENCE LINE
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 5 FT)
- 5,895.27 ELEVATION OF GROUNDWATER (FT)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. 6-09, 6-20A, 6-20B, 6-21A, 6-21B, 6-22A, 6-22B, 6-48B, AND 6-49B WERE NOT USED TO CONSTRUCT CONTOURS.



0 40 80 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico West (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
CIBOLA COUNTY, NEW MEXICO
LAGUNA COMPRESSOR STATION No. 6
NMOCD AP-103

POTENTIOMETRIC SURFACE MAP (DECEMBER 2023)

Project No. **12603647**
Date **April 2024**

FIGURE 4

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603647\Digital_Design\ACAD\Figures\RPT003\12603647-GHD-00-00-RPT-EN-D104_DL-003.dwg
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6-08	06/15/2023	12/06/2023
1,1 DCA	2.3	<1

6-20B	06/15/2023	12/06/2023
1,1 DCA	24	**39**
1,1 DCE	3.3	**7.6**

6-20C	06/15/2023	12/06/2023
1,1 DCA	5.8	<25
1,1 DCE	4.4	<25
Benzene	1.3	<25

6-42	06/16/2023	12/06/2023
1,1 DCA	16	16
1,1 DCE	4.9	3.9

6-15	06/15/2023	12/06/2023
1,1 DCA	3	<1
1,1 DCE	1.1	<1

6-41	06/16/2023	12/06/2023
1,1 DCA	7.2	5.7
1,1 DCE	4.2	2.9

6-10	06/15/2023	12/06/2023
1,1 DCE	1	<1

6-14	06/15/2023	12/06/2023
1,1 DCA	6.3	10
1,1 DCE	1.7	<1
Benzene	1.1	1.1
Nitrate	0.793	7.19
Sulfate	16.3	25.1
TOC	1390	2030

6-54	06/15/2023	12/06/2023
1,1 DCA	<10	5.9
1,1 DCE	**15**	**11**
Sulfate	162	169
TOC	160	80.1

6-22B	06/15/2023	12/06/2023
Benzene	1.7	<1
Sulfate	**841**	**573**
TOC	36.1	20.6

6-22C	06/15/2023	12/06/2023
1,1 DCA	1.7	1.6
1,1 DCE	2.4	3.8
Benzene	4.8	**6.6**
Nitrate	0.464	<0.1
Sulfate	15.8	1.48
TOC	183	205
VC	1.4	<1

6-09	06/15/2023	12/06/2023
1,1 DCA	3.8	<25
1,1 DCE	1.7	<25
CT	**6.6**	<25

6-13	06/15/2023	12/06/2023
1,1 DCA	**30**	**34**
1,1 DCE	**34**	**43**
1,2 DCA	3.7	4.7
Benzene	2.6	3.3
cis 1,2 DCE	2	2.8
Nitrate	0.154	<1
Sulfate	157	183
TOC	37.9	38.8

6-36	06/15/2023	12/06/2023
1,1 DCA	24	20
1,1 DCE	**120**	**82**
1,2 DCA	**12**	**12**

6-19	06/15/2023	12/06/2023
1,1 DCA	<1	<1
1,1 DCE	1.2	2.1
Chloroform	**190**	**200**
CT	**20**	**32**
PCE	4.7	**7.6**

6-12	06/16/2023	12/06/2023
1,1 DCA	**48**	4.7
1,1 DCE	**18**	3.1

6-16	06/16/2023	12/06/2023
1,1 DCA	2.7	3.2

6-45	06/16/2023	12/06/2023
1,1 DCA	5.3	7.3
1,1 DCE	**21**	**30**

6-46	06/16/2023	12/06/2023
1,1 DCA	**49**	**54**
1,1 DCE	**11**	**10**

6-49B	06/16/2023	12/06/2023
1,1 DCA	9	11
1,1 DCE	**18**	**17**
PCE	1.2	1.4

6-48B	06/16/2023	12/06/2023
1,1 DCA	<1	2.6

6-47	06/16/2023	12/06/2023
1,1 DCA	**120**	**110**
1,1 DCE	**26**	**14**
1,2 DCA	1.9	<1
cis 1,2 DCE	1.1	<1

6-40	06/15/2023	12/06/2023
1,1 DCA	24	17
1,1 DCE	**12**	**9.4**
Nitrate	0.123	<0.1
Sulfate	129	182
TOC	14.7	14.1

6-07	06/23/2023	12/06/2023
1,1 DCA	5.7	6.9
1,1 DCE	**13**	**15**
1,2 DCA	1.5	1.7

6-44	06/15/2023	12/06/2023
1,1 DCA	3.2	6.7
1,1 DCE	4.3	**88**
1,2 DCA	1	**6.9**

6-21B	06/15/2023	12/06/2023
1,1 DCA	7.2	10
1,1 DCE	6.6	**7.3**
Benzene	1.7	1.6
Sulfate	**398**	**341**
TOC	52.4	44.6

6-21C	06/15/2023	12/06/2023
Nitrate	1.19	9.95
Sulfate	33.8	9.68
TOC	2840	1020

6-08 6-42 6-23 6-28 6-16 6-15 6-41 6-45 6-50B 6-50 6-10 6-46 6-33 6-18 6-49B 6-49 6-CH3 6-12 6-20 (A,B,C) 6-14 6-54 6-40 6-48B 6-48 6-22 (A,B,C) 6-21 (A,B,C) 6-09 6-47 6-PW4 6-11 6-06 6-PW2 6-13 6-43 6-17 6-07 6-36 Former Unlined Pit Radio Tower 6-37 6-44 6-38 6-19

RIO GYPSUM

LEGEND

- PERCHED ZONE MONITOR WELL
- PERCHED ZONE WELL CLUSTER
- COREHOLE PLUGGED IN 2015
- LEACH FIELD
- FENCE LINE
- TCA 1,1,1 TETRACHLOROETHANE
- DCA DICHLOROETHANE
- DCE DICHLOROETHENE
- PCE TETRACHLOROETHENE
- VC VINYL CHLORIDE
- CT CARBON TETRACHLORIDE
- TOC TOTAL ORGANIC CARBON
- \- NOT ANALYZED
- < INDICATES ANALYTE WAS NOT DETECTED AT OR ABOVE THE LABORATORY REPORTED DETECTION LIMIT

SAMPLE ID	6-21B	06/15/2023	SAMPLE DATE
CONCENTRATION	1,1 DCA	7.2	RESULT (µg/L)
	1,1 DCE	6.6	

NOTES:

1. ANALYTICAL RESULTS ARE PRESENTED IN MICROGRAMS PER LITER (µg/L), EXCEPT FOR NITRATE, SULFATE, AND TOC WHICH ARE SHOWN IN MILLIGRAMS PER LITER (mg/L).
2. SHADED CELLS INDICATE THE CONCENTRATION EXCEEDS IT RESPECTIVE EPA MCL.

0 40 80 ft

Coordinate System: NAD 1983 (2011) StatePlane- New Mexico West (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
CIBOLA COUNTY, NEW MEXICO
LAGUNA COMPRESSOR STATION No. 6
NMOCD AP-103

COC CONCENTRATIONS IN GROUNDWATER (2023)

Project No. **12603647**
Date **March 2024**

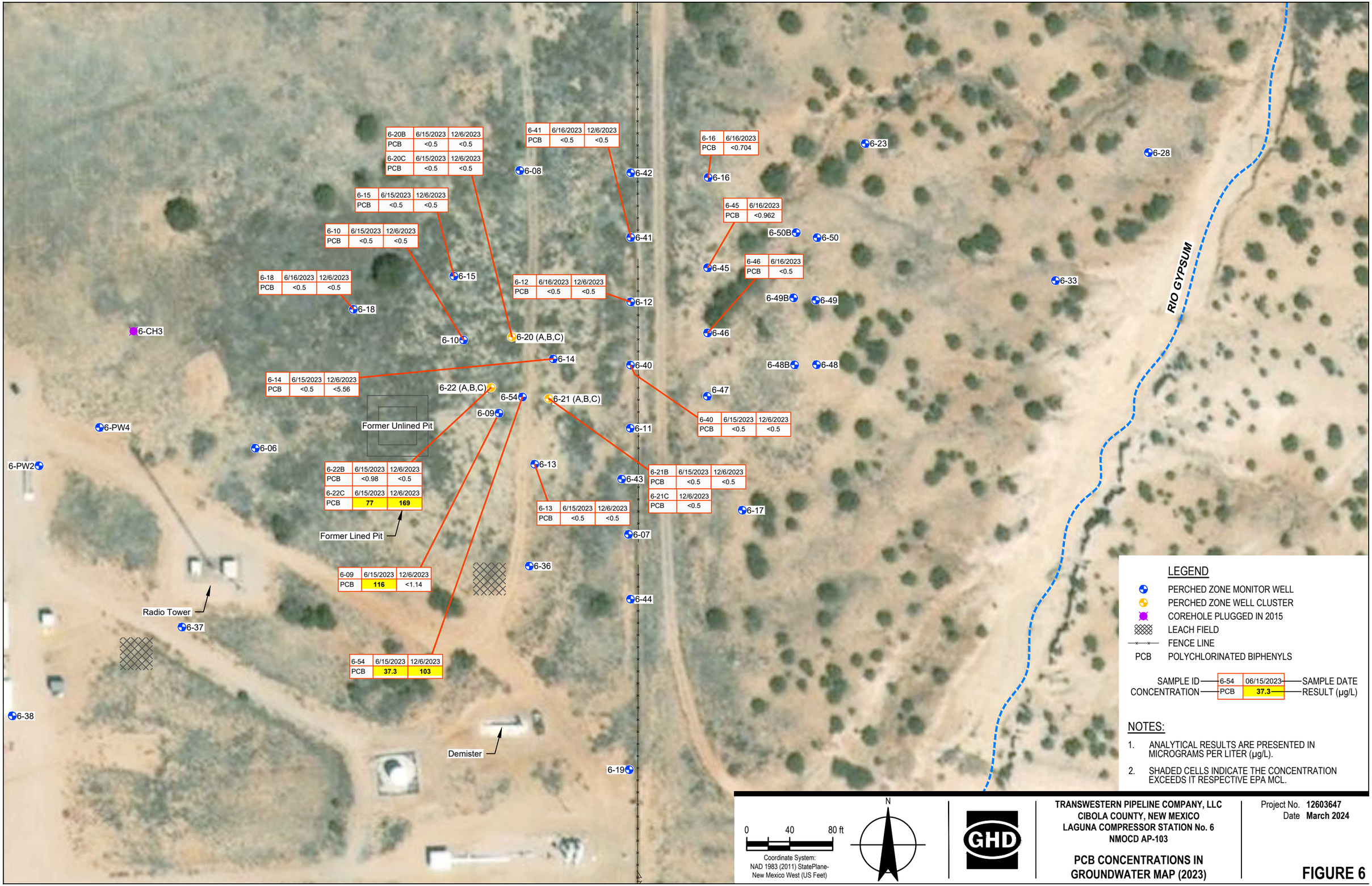
FIGURE 5

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Plot Date: 04 March 2024 11:54 AM

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Received by OCD: 5/2/2024 6:19:13 AM
Released to Imaging: 6/5/2024 4:51:36 PM

Appendices

Appendix A

Laboratory Analytical Reports

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

June 28, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23061746**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 2 sample(s) on Jun 24, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23061746

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23061746-01	12603935_TB01	Water	CG-041923-613	23-Jun-2023 00:00	24-Jun-2023 09:05	☐
HS23061746-02	6-07-20230623	Water		23-Jun-2023 13:15	24-Jun-2023 09:05	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23061746

GCMS Volatiles by Method SW8260

Batch ID: R440032

Sample ID: HS23061766-02MS

- MS and MSD were performed on unrelated sample

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603935_TB01
Collection Date: 23-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061746
Lab ID:HS23061746-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,1,2-Trichloroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,1-Dichloroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,1-Dichloroethene	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,2-Dibromoethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,2-Dichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,2-Dichloroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,2-Dichloropropane	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,3-Dichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
1,4-Dichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
2-Butanone	U		0.0020	mg/L	1	27-Jun-2023 15:57
2-Hexanone	U		0.0020	mg/L	1	27-Jun-2023 15:57
4-Methyl-2-pentanone	U		0.0020	mg/L	1	27-Jun-2023 15:57
Acetone	U		0.0020	mg/L	1	27-Jun-2023 15:57
Benzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Bromodichloromethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Bromoform	U		0.0010	mg/L	1	27-Jun-2023 15:57
Bromomethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Carbon disulfide	U		0.0020	mg/L	1	27-Jun-2023 15:57
Carbon tetrachloride	U		0.0010	mg/L	1	27-Jun-2023 15:57
Chlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Chloroethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Chloroform	U		0.0010	mg/L	1	27-Jun-2023 15:57
Chloromethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Jun-2023 15:57
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Cyclohexane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Dibromochloromethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Dichlorodifluoromethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Ethylbenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Isopropylbenzene	U		0.0010	mg/L	1	27-Jun-2023 15:57
m,p-Xylene	U		0.0020	mg/L	1	27-Jun-2023 15:57
Methyl acetate	U		0.0010	mg/L	1	27-Jun-2023 15:57
Methyl tert-butyl ether	U		0.0010	mg/L	1	27-Jun-2023 15:57
Methylcyclohexane	U		0.0010	mg/L	1	27-Jun-2023 15:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603935_TB01
Collection Date: 23-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061746
Lab ID:HS23061746-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	27-Jun-2023 15:57
o-Xylene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Styrene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Tetrachloroethene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Toluene	U		0.0010	mg/L	1	27-Jun-2023 15:57
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Jun-2023 15:57
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Trichloroethene	U		0.0010	mg/L	1	27-Jun-2023 15:57
Trichlorofluoromethane	U		0.0010	mg/L	1	27-Jun-2023 15:57
Vinyl chloride	U		0.0010	mg/L	1	27-Jun-2023 15:57
Xylenes, Total	U		0.0010	mg/L	1	27-Jun-2023 15:57
Surr: 1,2-Dichloroethane-d4	*84.4*		*70-126*	*%REC*	*1*	*27-Jun-2023 15:57*
Surr: 4-Bromofluorobenzene	*93.2*		*77-113*	*%REC*	*1*	*27-Jun-2023 15:57*
Surr: Dibromofluoromethane	*91.8*		*77-123*	*%REC*	*1*	*27-Jun-2023 15:57*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*1*	*27-Jun-2023 15:57*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-07-20230623
Collection Date: 23-Jun-2023 13:15

ANALYTICAL REPORT
WorkOrder:HS23061746
Lab ID:HS23061746-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,1,2-Trichloroethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,1-Dichloroethane	**0.0057**		**0.0010**	**mg/L**	1	27-Jun-2023 13:09
1,1-Dichloroethene	**0.013**		**0.0010**	**mg/L**	1	27-Jun-2023 13:09
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,2-Dibromoethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,2-Dichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,2-Dichloroethane	**0.0015**		**0.0010**	**mg/L**	1	27-Jun-2023 13:09
1,2-Dichloropropane	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,3-Dichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
1,4-Dichlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
2-Butanone	U		0.0020	mg/L	1	27-Jun-2023 13:09
2-Hexanone	U		0.0020	mg/L	1	27-Jun-2023 13:09
4-Methyl-2-pentanone	U		0.0020	mg/L	1	27-Jun-2023 13:09
Acetone	U		0.0020	mg/L	1	27-Jun-2023 13:09
Benzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Bromodichloromethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Bromoform	U		0.0010	mg/L	1	27-Jun-2023 13:09
Bromomethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Carbon disulfide	U		0.0020	mg/L	1	27-Jun-2023 13:09
Carbon tetrachloride	U		0.0010	mg/L	1	27-Jun-2023 13:09
Chlorobenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Chloroethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Chloroform	U		0.0010	mg/L	1	27-Jun-2023 13:09
Chloromethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Jun-2023 13:09
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Cyclohexane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Dibromochloromethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Dichlorodifluoromethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Ethylbenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Isopropylbenzene	U		0.0010	mg/L	1	27-Jun-2023 13:09
m,p-Xylene	U		0.0020	mg/L	1	27-Jun-2023 13:09
Methyl acetate	U		0.0010	mg/L	1	27-Jun-2023 13:09
Methyl tert-butyl ether	U		0.0010	mg/L	1	27-Jun-2023 13:09
Methylcyclohexane	U		0.0010	mg/L	1	27-Jun-2023 13:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-07-20230623
Collection Date: 23-Jun-2023 13:15

ANALYTICAL REPORT
WorkOrder:HS23061746
Lab ID:HS23061746-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	27-Jun-2023 13:09
o-Xylene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Styrene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Tetrachloroethene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Toluene	U		0.0010	mg/L	1	27-Jun-2023 13:09
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Jun-2023 13:09
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Trichloroethene	U		0.0010	mg/L	1	27-Jun-2023 13:09
Trichlorofluoromethane	U		0.0010	mg/L	1	27-Jun-2023 13:09
Vinyl chloride	U		0.0010	mg/L	1	27-Jun-2023 13:09
Xylenes, Total	U		0.0010	mg/L	1	27-Jun-2023 13:09
Surr: 1,2-Dichloroethane-d4	*85.0*		*70-126*	*%REC*	*1*	*27-Jun-2023 13:09*
Surr: 4-Bromofluorobenzene	*95.9*		*77-113*	*%REC*	*1*	*27-Jun-2023 13:09*
Surr: Dibromofluoromethane	*91.3*		*77-123*	*%REC*	*1*	*27-Jun-2023 13:09*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*1*	*27-Jun-2023 13:09*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R440032 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23061746-01	12603935_TB01	23 Jun 2023 00:00			27 Jun 2023 15:57	1
HS23061746-02	6-07-20230623	23 Jun 2023 13:15			27 Jun 2023 13:09	1

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230627** Units: **ug/L** Analysis Date: **27-Jun-2023 12:27**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388497** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230627** Units: **ug/L** Analysis Date: **27-Jun-2023 12:27**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388497** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	1.0								
Surr: 1,2-Dichloroethane-d4	*42.29*	*1.0*	*50*	*0*	*84.6*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*47.41*	*1.0*	*50*	*0*	*94.8*	*77 - 113*				
Surr: Dibromofluoromethane	*45.28*	*1.0*	*50*	*0*	*90.6*	*73 - 126*				
Surr: Toluene-d8	*51.38*	*1.0*	*50*	*0*	*103*	*81 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230627** Units: **ug/L** Analysis Date: **27-Jun-2023 11:45**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388496** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.4	1.0	20	0	92.0	70 - 130				
1,1,2,2-Tetrachloroethane	18.59	1.0	20	0	93.0	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	20.65	1.0	20	0	103	70 - 130				
1,1,2-Trichloroethane	19.88	1.0	20	0	99.4	77 - 113				
1,1-Dichloroethane	18.58	1.0	20	0	92.9	71 - 122				
1,1-Dichloroethene	18.37	1.0	20	0	91.9	70 - 130				
1,2,4-Trichlorobenzene	21.87	1.0	20	0	109	77 - 126				
1,2-Dibromo-3-chloropropane	19.91	1.0	20	0	99.5	70 - 130				
1,2-Dibromoethane	20.13	1.0	20	0	101	76 - 123				
1,2-Dichlorobenzene	20.83	1.0	20	0	104	77 - 113				
1,2-Dichloroethane	19.21	1.0	20	0	96.1	70 - 124				
1,2-Dichloropropane	19.39	1.0	20	0	97.0	72 - 119				
1,3-Dichlorobenzene	21.01	1.0	20	0	105	78 - 118				
1,4-Dichlorobenzene	20.35	1.0	20	0	102	79 - 113				
2-Butanone	31.47	2.0	40	0	78.7	70 - 130				
2-Hexanone	35.91	2.0	40	0	89.8	70 - 130				
4-Methyl-2-pentanone	36.07	2.0	40	0	90.2	70 - 130				
Acetone	34.22	2.0	40	0	85.6	70 - 130				
Benzene	20.11	1.0	20	0	101	74 - 120				
Bromodichloromethane	19.13	1.0	20	0	95.6	74 - 122				
Bromoform	20.69	1.0	20	0	103	73 - 128				
Bromomethane	20.29	1.0	20	0	101	70 - 130				
Carbon disulfide	35.63	2.0	40	0	89.1	70 - 130				
Carbon tetrachloride	19.4	1.0	20	0	97.0	71 - 125				
Chlorobenzene	21.1	1.0	20	0	105	76 - 113				
Chloroethane	19.05	1.0	20	0	95.2	70 - 130				
Chloroform	18.27	1.0	20	0	91.4	71 - 121				
Chloromethane	18.57	1.0	20	0	92.8	70 - 129				
cis-1,2-Dichloroethene	19.01	1.0	20	0	95.1	75 - 122				
cis-1,3-Dichloropropene	19.59	1.0	20	0	98.0	73 - 127				
Cyclohexane	18.36	1.0	20	0	91.8	70 - 130				
Dibromochloromethane	20.59	1.0	20	0	103	77 - 122				
Dichlorodifluoromethane	16.35	1.0	20	0	81.8	70 - 130				
Ethylbenzene	20.83	1.0	20	0	104	77 - 117				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230627** Units: **ug/L** Analysis Date: **27-Jun-2023 11:45**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388496** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	20.91	1.0	20	0	105	73 - 127				
m,p-Xylene	43.49	2.0	40	0	109	77 - 122				
Methyl acetate	16.88	1.0	20	0	84.4	76 - 122				
Methyl tert-butyl ether	17.99	1.0	20	0	90.0	70 - 130				
Methylcyclohexane	18.79	1.0	20	0	93.9	61 - 157				
Methylene chloride	18.51	2.0	20	0	92.5	70 - 127				
o-Xylene	21.47	1.0	20	0	107	75 - 119				
Styrene	21.55	1.0	20	0	108	72 - 126				
Tetrachloroethene	21.47	1.0	20	0	107	76 - 119				
Toluene	21.02	1.0	20	0	105	77 - 118				
trans-1,2-Dichloroethene	18.7	1.0	20	0	93.5	72 - 127				
trans-1,3-Dichloropropene	19.57	1.0	20	0	97.9	77 - 119				
Trichloroethene	21.19	1.0	20	0	106	77 - 121				
Trichlorofluoromethane	18.87	1.0	20	0	94.3	70 - 130				
Vinyl chloride	17.45	1.0	20	0	87.2	70 - 130				
Xylenes, Total	64.95	1.0	60	0	108	75 - 122				
Surr: 1,2-Dichloroethane-d4	*45.17*	*1.0*	*50*	*0*	*90.3*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.08*	*1.0*	*50*	*0*	*100*	*77 - 113*				
Surr: Dibromofluoromethane	*48.4*	*1.0*	*50*	*0*	*96.8*	*73 - 126*				
Surr: Toluene-d8	*48.97*	*1.0*	*50*	*0*	*97.9*	*81 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061766-02MS** Units: **ug/L** Analysis Date: **27-Jun-2023 13:30**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388500** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	19.51	1.0	20	0	97.6	70 - 130			
1,1,2,2-Tetrachloroethane	20.42	1.0	20	0	102	70 - 123			
1,1,2-Trichlor-1,2,2-trifluoroethane	24.15	1.0	20	0	121	70 - 130			
1,1,2-Trichloroethane	21.41	1.0	20	0	107	70 - 117			
1,1-Dichloroethane	18.27	1.0	20	0	91.3	70 - 127			
1,1-Dichloroethene	19.77	1.0	20	0	98.9	70 - 130			
1,2,4-Trichlorobenzene	25.34	1.0	20	0	127	70 - 125			S
1,2-Dibromo-3-chloropropane	21.42	1.0	20	0	107	70 - 130			
1,2-Dibromoethane	21.34	1.0	20	0	107	70 - 124			
1,2-Dichlorobenzene	24.45	1.0	20	0	122	70 - 115			S
1,2-Dichloroethane	20.07	1.0	20	0	100	70 - 127			
1,2-Dichloropropane	20.23	1.0	20	0	101	70 - 122			
1,3-Dichlorobenzene	24.34	1.0	20	0	122	70 - 119			S
1,4-Dichlorobenzene	24.06	1.0	20	0	120	70 - 114			S
2-Butanone	26.53	2.0	40	0	66.3	70 - 130			S
2-Hexanone	37.36	2.0	40	0	93.4	70 - 130			
4-Methyl-2-pentanone	37.62	2.0	40	0	94.0	70 - 130			
Acetone	25.7	2.0	40	0	64.2	70 - 130			S
Benzene	20.88	1.0	20	0	104	70 - 127			
Bromodichloromethane	19.76	1.0	20	0	98.8	70 - 124			
Bromoform	21.71	1.0	20	0	109	70 - 129			
Bromomethane	19.84	1.0	20	0	99.2	70 - 130			
Carbon disulfide	33.58	2.0	40	0	83.9	70 - 130			
Carbon tetrachloride	22.53	1.0	20	0	113	70 - 130			
Chlorobenzene	23.26	1.0	20	0	116	70 - 114			S
Chloroethane	19.33	1.0	20	0	96.7	70 - 130			
Chloroform	17.73	1.0	20	0	88.6	70 - 125			
Chloromethane	17.61	1.0	20	0	88.1	70 - 130			
cis-1,2-Dichloroethene	18.81	1.0	20	0	94.1	70 - 128			
cis-1,3-Dichloropropene	19.71	1.0	20	0	98.5	70 - 125			
Cyclohexane	21.96	1.0	20	0	110	70 - 130			
Dibromochloromethane	21.97	1.0	20	0	110	70 - 124			
Dichlorodifluoromethane	16.11	1.0	20	0	80.6	70 - 130			
Ethylbenzene	24.09	1.0	20	0	120	70 - 124			

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ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061766-02MS** Units: **ug/L** Analysis Date: **27-Jun-2023 13:30**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388500** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	24.74	1.0	20	0	124	70 - 130			
m,p-Xylene	50.02	2.0	40	0	125	70 - 130			
Methyl acetate	15.8	1.0	20	0	79.0	76 - 122			
Methyl tert-butyl ether	17.32	1.0	20	0	86.6	70 - 130			
Methylcyclohexane	22.96	1.0	20	0	115	61 - 158			
Methylene chloride	17.56	2.0	20	0	87.8	70 - 128			
o-Xylene	23.53	1.0	20	0	118	70 - 124			
Styrene	23.9	1.0	20	0	120	70 - 130			
Tetrachloroethene	25.93	1.0	20	0	130	70 - 130			
Toluene	23.33	1.0	20	0	117	70 - 123			
trans-1,2-Dichloroethene	19.45	1.0	20	0	97.2	70 - 130			
trans-1,3-Dichloropropene	19.74	1.0	20	0	98.7	70 - 121			
Trichloroethene	22.74	1.0	20	0	114	70 - 129			
Trichlorofluoromethane	20.64	1.0	20	0	103	70 - 130			
Vinyl chloride	17.54	1.0	20	0	87.7	70 - 130			
Xylenes, Total	73.54	1.0	60	0	123	70 - 130			
Surr: 1,2-Dichloroethane-d4	*41.41*	*1.0*	*50*	*0*	*82.8*	*70 - 126*			
Surr: 4-Bromofluorobenzene	*48.29*	*1.0*	*50*	*0*	*96.6*	*77 - 113*			
Surr: Dibromofluoromethane	*45.49*	*1.0*	*50*	*0*	*91.0*	*77 - 123*			
Surr: Toluene-d8	*52.39*	*1.0*	*50*	*0*	*105*	*82 - 127*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061766-02MSD** Units: **ug/L** Analysis Date: **27-Jun-2023 13:51**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388501** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.89	1.0	20	0	94.4	70 - 130	19.51	3.25	20	
1,1,2,2-Tetrachloroethane	20.55	1.0	20	0	103	70 - 123	20.42	0.614	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	23.6	1.0	20	0	118	70 - 130	24.15	2.34	20	
1,1,2-Trichloroethane	20.79	1.0	20	0	104	70 - 117	21.41	2.95	20	
1,1-Dichloroethane	17.53	1.0	20	0	87.7	70 - 127	18.27	4.1	20	
1,1-Dichloroethene	18.86	1.0	20	0	94.3	70 - 130	19.77	4.73	20	
1,2,4-Trichlorobenzene	24.58	1.0	20	0	123	70 - 125	25.34	3.02	20	
1,2-Dibromo-3-chloropropane	21.94	1.0	20	0	110	70 - 130	21.42	2.42	20	
1,2-Dibromoethane	20.82	1.0	20	0	104	70 - 124	21.34	2.48	20	
1,2-Dichlorobenzene	23.13	1.0	20	0	116	70 - 115	24.45	5.57	20	S
1,2-Dichloroethane	18.82	1.0	20	0	94.1	70 - 127	20.07	6.45	20	
1,2-Dichloropropane	20.11	1.0	20	0	101	70 - 122	20.23	0.607	20	
1,3-Dichlorobenzene	23.75	1.0	20	0	119	70 - 119	24.34	2.47	20	
1,4-Dichlorobenzene	23.2	1.0	20	0	116	70 - 114	24.06	3.64	20	S
2-Butanone	28.94	2.0	40	0	72.3	70 - 130	26.53	8.7	20	
2-Hexanone	36.51	2.0	40	0	91.3	70 - 130	37.36	2.33	20	
4-Methyl-2-pentanone	36.63	2.0	40	0	91.6	70 - 130	37.62	2.67	20	
Acetone	27.37	2.0	40	0	68.4	70 - 130	25.7	6.29	20	S
Benzene	20.44	1.0	20	0	102	70 - 127	20.88	2.13	20	
Bromodichloromethane	19.29	1.0	20	0	96.4	70 - 124	19.76	2.42	20	
Bromoform	21.31	1.0	20	0	107	70 - 129	21.71	1.85	20	
Bromomethane	18.13	1.0	20	0	90.7	70 - 130	19.84	8.97	20	
Carbon disulfide	32.39	2.0	40	0	81.0	70 - 130	33.58	3.61	20	
Carbon tetrachloride	22.26	1.0	20	0	111	70 - 130	22.53	1.18	20	
Chlorobenzene	22.45	1.0	20	0	112	70 - 114	23.26	3.52	20	
Chloroethane	18.48	1.0	20	0	92.4	70 - 130	19.33	4.51	20	
Chloroform	17.4	1.0	20	0	87.0	70 - 125	17.73	1.85	20	
Chloromethane	17.17	1.0	20	0	85.9	70 - 130	17.61	2.54	20	
cis-1,2-Dichloroethene	18.47	1.0	20	0	92.3	70 - 128	18.81	1.87	20	
cis-1,3-Dichloropropene	20.05	1.0	20	0	100	70 - 125	19.71	1.71	20	
Cyclohexane	21.06	1.0	20	0	105	70 - 130	21.96	4.19	20	
Dibromochloromethane	21.36	1.0	20	0	107	70 - 124	21.97	2.79	20	
Dichlorodifluoromethane	15	1.0	20	0	75.0	70 - 130	16.11	7.18	20	
Ethylbenzene	22.96	1.0	20	0	115	70 - 124	24.09	4.81	20	

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ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061746

QC BATCH REPORT

Batch ID: R440032 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061766-02MSD** Units: **ug/L** Analysis Date: **27-Jun-2023 13:51**
Client ID: Run ID: **VOA6_440032** SeqNo: **7388501** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	23.46	1.0	20	0	117	70 - 130	24.74	5.32	20	
m,p-Xylene	47.56	2.0	40	0	119	70 - 130	50.02	5.04	20	
Methyl acetate	15.72	1.0	20	0	78.6	76 - 122	15.8	0.55	20	
Methyl tert-butyl ether	17.23	1.0	20	0	86.2	70 - 130	17.32	0.467	20	
Methylcyclohexane	22.73	1.0	20	0	114	61 - 158	22.96	1.02	20	
Methylene chloride	17.14	2.0	20	0	85.7	70 - 128	17.56	2.46	20	
o-Xylene	22.8	1.0	20	0	114	70 - 124	23.53	3.14	20	
Styrene	22.37	1.0	20	0	112	70 - 130	23.9	6.64	20	
Tetrachloroethene	24.71	1.0	20	0	124	70 - 130	25.93	4.81	20	
Toluene	22.34	1.0	20	0	112	70 - 123	23.33	4.31	20	
trans-1,2-Dichloroethene	18.16	1.0	20	0	90.8	70 - 130	19.45	6.85	20	
trans-1,3-Dichloropropene	19.37	1.0	20	0	96.9	70 - 121	19.74	1.87	20	
Trichloroethene	22.01	1.0	20	0	110	70 - 129	22.74	3.26	20	
Trichlorofluoromethane	19.46	1.0	20	0	97.3	70 - 130	20.64	5.9	20	
Vinyl chloride	16.87	1.0	20	0	84.4	70 - 130	17.54	3.9	20	
Xylenes, Total	70.36	1.0	60	0	117	70 - 130	73.54	4.43	20	
Surr: 1,2-Dichloroethane-d4	*40.93*	*1.0*	*50*	*0*	*81.9*	*70 - 126*	*41.41*	*1.16*	*20*	
Surr: 4-Bromofluorobenzene	*46.98*	*1.0*	*50*	*0*	*94.0*	*77 - 113*	*48.29*	*2.76*	*20*	
Surr: Dibromofluoromethane	*45.15*	*1.0*	*50*	*0*	*90.3*	*77 - 123*	*45.49*	*0.752*	*20*	
Surr: Toluene-d8	*51.19*	*1.0*	*50*	*0*	*102*	*82 - 127*	*52.39*	*2.3*	*20*	

The following samples were analyzed in this batch: HS23061746-01 HS23061746-02

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ALS Houston, US Date: 28-Jun-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23061746**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

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CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-37	30-Jun-2023
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352; 2022-2023	31-Jul-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2023	31-Dec-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932022-13	31-Jul-2023

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ALS Houston, US Date: 28-Jun-23

Sample Receipt Checklist

Work Order ID: HS23061746 **Date/Time Received:** 24-Jun-2023 09:05

Client Name: GHDHouston **Received by:** Nelson D. Dusara

Completed By:	/S/ Belinda Gomez	26-Jun-2023 14:28	**Reviewed by:**	/S/ James Guin	27-Jun-2023 14:39
	eSignature	Date/Time		eSignature	Date/Time

Matrices: w Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:268251
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	1.8uc/1.7c	ir31
Cooler(s)/Kit(s):	43491	
Date/Time sample(s) sent to storage:	06/26/2023 1430	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Received 3 bottles and coc list 4 for sample 6-07-20230623

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page _____ of _____

COC ID: 268251

ALS Project Manager:		ALS Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	E-19002-GL ~~21300014~~ Stacy Boul	Project Name	12603647 - Laguna 2023 ~~12603935 - SU O-6 2023~~	A	8260_LL_W (8260 ~~BTEX~~ VOCs) [3xVOA HCl]
Work Order	26050007	Project Number	~~12603649~~ 12603647	B	~~300_W (300 Cl) [120ml P-Neat]~~ 8260_LL_W (Trip Blank: 8260 ~~BTEX~~ VOCs) [2xVOA HCl]
Company Name	GHD	Bill To Company	Energy Transfer	C	
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	
Address	11451 Katy Fwy Suite 400	Address	P.O Box 132400	E	
City/State/Zip	Houston, TX 77079	City/State/Zip	Dallas TX 75313	F	
Phone	(713) 734-3090	Phone		G	
Fax	(713) 734-3391	Fax		H	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	I	
				J	

HS23061746
GHD
12603647 - Laguna 2023

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603935_TB01			Water	1	2			X								
2	6-07-20230623	6/23/23	1315	GW	1,8	4	X	X									
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) ☐ Other _____ ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour

Results Due Date:

Relinquished by: Linda Loyd	Date: 6/27/23	Time: 1530	Received by:	
Relinquished by:	Date: 06/24/23	Time: 9:05	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: ~~ETC O-6 Lea County~~ revised COC for Laguna 2023

Cooler ID	Cooler Temp.
43491	1.8

QC Package: (Check One Box Below)
☒ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other _____
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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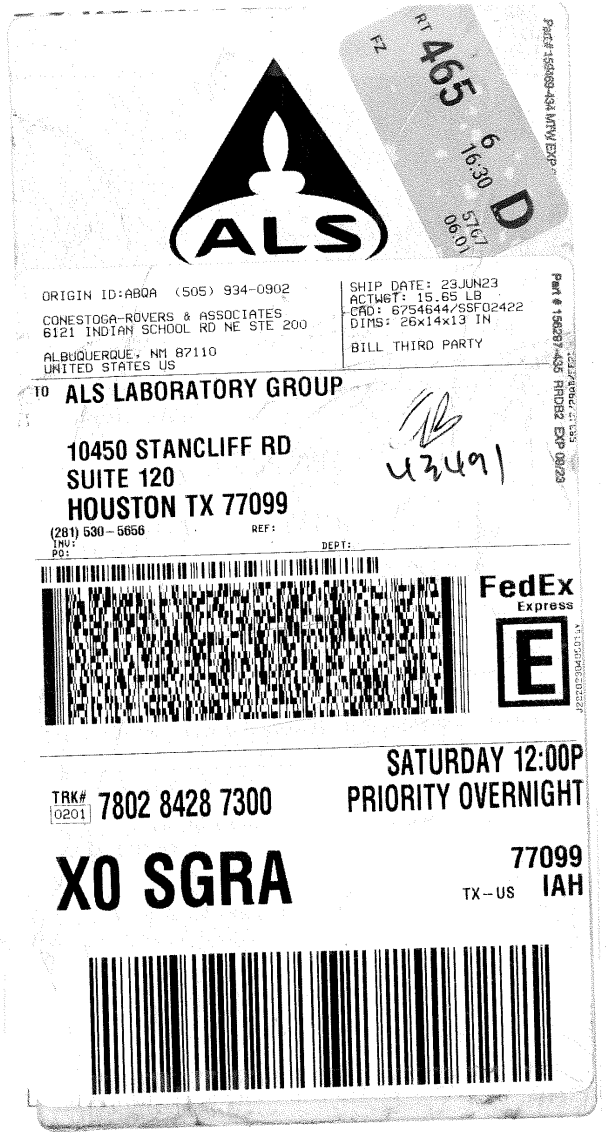
ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

43491

CUSTODY SEAL
Date: 6/23/23 Time: 1530
Name:
Company: GHD

Seal Broken B
Date: 06/24/23

43491 JUN 24 2023 JUN 24 2023



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10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

July 09, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23061079**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 21 sample(s) on Jun 16, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23061079

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23061079-01	12603647-TB01	Water	CG-041923-614	15-Jun-2023 00:00	16-Jun-2023 09:30	☐
HS23061079-02	6-40-20230615	Groundwater		15-Jun-2023 16:25	16-Jun-2023 09:30	☐
HS23061079-03	6-15-20230615	Groundwater		15-Jun-2023 15:15	16-Jun-2023 09:30	☐
HS23061079-04	6-08-20230615	Groundwater		15-Jun-2023 16:00	16-Jun-2023 09:30	☐
HS23061079-05	6-19-20230615	Groundwater		15-Jun-2023 10:50	16-Jun-2023 09:30	☐
HS23061079-06	DUP01-20230615	Groundwater		15-Jun-2023 00:00	16-Jun-2023 09:30	☐
HS23061079-07	6-09-20230615	Groundwater		15-Jun-2023 12:45	16-Jun-2023 09:30	☐
HS23061079-08	6-36-20230615	Groundwater		15-Jun-2023 11:10	16-Jun-2023 09:30	☐
HS23061079-09	6-10-20230615	Groundwater		15-Jun-2023 15:15	16-Jun-2023 09:30	☐
HS23061079-10	6-44-20230615	Groundwater		15-Jun-2023 11:30	16-Jun-2023 09:30	☐
HS23061079-11	12603647-TB02	Water	CG-041923-606	15-Jun-2023 00:00	16-Jun-2023 09:30	☐
HS23061079-12	6-14-20230615	Groundwater		15-Jun-2023 14:15	16-Jun-2023 09:30	☐
HS23061079-13	6-22B-20230615	Groundwater		15-Jun-2023 13:30	16-Jun-2023 09:30	☐
HS23061079-14	6-20C-20230615	Groundwater		15-Jun-2023 14:45	16-Jun-2023 09:30	☐
HS23061079-15	6-22C-20230615	Groundwater		15-Jun-2023 14:00	16-Jun-2023 09:30	☐
HS23061079-16	6-20B-20230615	Groundwater		15-Jun-2023 14:45	16-Jun-2023 09:30	☐
HS23061079-17	12603647-TB03	Water	CG-041923-607	15-Jun-2023 00:00	16-Jun-2023 09:30	☐
HS23061079-18	6-21B-20230615	Groundwater		15-Jun-2023 13:00	16-Jun-2023 09:30	☐
HS23061079-19	6-21C-20230615	Groundwater		15-Jun-2023 13:15	16-Jun-2023 09:30	☐
HS23061079-20	6-54-20230615	Groundwater		15-Jun-2023 12:30	16-Jun-2023 09:30	☐
HS23061079-21	6-13-20230615	Groundwater		15-Jun-2023 12:00	16-Jun-2023 09:30	☐

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ALS Houston, US Date: 09-Jul-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23061079

Work Order Comments

- 6-22B-20230615 -
  Limited volume for PCB - 1 Amber half full.
  Samle 6-04-20230615 - not received.
  6-10-20230615 - 1 vial received broken.
  6-44-20230615 - Rec 6 vials

ECD Organics by Method SW8082

Batch ID: 196525

Sample ID: 6-09-20230615 (HS23061079-07)

- Surrogate recoveries were outside of the control limits due to matrix interference.

Sample ID: 6-22C-20230615 (HS23061079-15)

- Surrogate recovery was above upper control limit. Associated spike compounds are within control limits. No corrective action taken.

Sample ID: 6-54-20230615 (HS23061079-20)

- Surrogate recoveries were outside of the control limits due to matrix interference.

GCMS Volatiles by Method SW8260

Batch ID: R439304

Sample ID: 6-21C-20230615 (HS23061079-19)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-54-20230615 (HS23061079-20)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-44-20230615 (HS23061079-10MS)

- MS/MSD failed QC limit for Methyl acetate

Batch ID: R439227

Sample ID: HS23060964-02MS

- MS/MSD was performed on an unrelated sample.

WetChemistry by Method SW9060

Batch ID: R440041

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300

Batch ID: R438113

Sample ID: 6-40-20230615 (HS23061079-02MS)

- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. (Sulfate)

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,1-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,1-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 23:22
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 23:22
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 23:22
Acetone	U		0.0020	mg/L	1	19-Jun-2023 23:22
Benzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 23:22
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 23:22
Carbon tetrachloride	U		0.0010	mg/L	1	19-Jun-2023 23:22
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
Chloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 23:22
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 23:22
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 23:22
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 23:22
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 23:22
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 23:22
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 23:22
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 23:22
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 23:22
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 23:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	19-Jun-2023 23:22
o-Xylene		U	0.0010	mg/L	1	19-Jun-2023 23:22
Styrene		U	0.0010	mg/L	1	19-Jun-2023 23:22
Tetrachloroethene		U	0.0010	mg/L	1	19-Jun-2023 23:22
Toluene		U	0.0010	mg/L	1	19-Jun-2023 23:22
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	19-Jun-2023 23:22
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	19-Jun-2023 23:22
Trichloroethene		U	0.0010	mg/L	1	19-Jun-2023 23:22
Trichlorofluoromethane		U	0.0010	mg/L	1	19-Jun-2023 23:22
Vinyl chloride		U	0.0010	mg/L	1	19-Jun-2023 23:22
Xylenes, Total		U	0.0010	mg/L	1	19-Jun-2023 23:22
Surr: 1,2-Dichloroethane-d4	*98.9*		*70-126*	*%REC*	*1*	*19-Jun-2023 23:22*
Surr: 4-Bromofluorobenzene	*94.2*		*77-113*	*%REC*	*1*	*19-Jun-2023 23:22*
Surr: Dibromofluoromethane	*97.1*		*77-123*	*%REC*	*1*	*19-Jun-2023 23:22*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*1*	*19-Jun-2023 23:22*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-40-20230615
Collection Date: 15-Jun-2023 16:25

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,1-Dichloroethane	**0.024**		**0.0010**	**mg/L**	1	19-Jun-2023 18:00
1,1-Dichloroethene	**0.012**		**0.0010**	**mg/L**	1	19-Jun-2023 18:00
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 18:00
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 18:00
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 18:00
Acetone	U		0.0020	mg/L	1	19-Jun-2023 18:00
Benzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 18:00
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 18:00
Carbon tetrachloride	U		0.0010	mg/L	1	19-Jun-2023 18:00
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Chloroethane	**0.0040**		**0.0010**	**mg/L**	1	19-Jun-2023 18:00
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 18:00
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:00
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 18:00
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 18:00
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 18:00
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 18:00
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 18:00
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 18:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-40-20230615
Collection Date: 15-Jun-2023 16:25

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	19-Jun-2023 18:00
o-Xylene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Styrene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Tetrachloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Toluene	U		0.0010	mg/L	1	19-Jun-2023 18:00
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:00
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Trichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:00
Trichlorofluoromethane	U		0.0010	mg/L	1	19-Jun-2023 18:00
Vinyl chloride	U		0.0010	mg/L	1	19-Jun-2023 18:00
Xylenes, Total	U		0.0010	mg/L	1	19-Jun-2023 18:00
Surr: 1,2-Dichloroethane-d4	*99.0*		*70-126*	*%REC*	*1*	*19-Jun-2023 18:00*
Surr: 4-Bromofluorobenzene	*93.0*		*77-113*	*%REC*	*1*	*19-Jun-2023 18:00*
Surr: Dibromofluoromethane	*98.0*		*77-123*	*%REC*	*1*	*19-Jun-2023 18:00*
Surr: Toluene-d8	*99.9*		*82-127*	*%REC*	*1*	*19-Jun-2023 18:00*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	22-Jun-2023 20:45
Aroclor 1221	U		0.000500	mg/L	1	22-Jun-2023 20:45
Aroclor 1232	U		0.000500	mg/L	1	22-Jun-2023 20:45
Aroclor 1242	U		0.000500	mg/L	1	22-Jun-2023 20:45
Aroclor 1248	U		0.000500	mg/L	1	22-Jun-2023 20:45
Aroclor 1254	U		0.000500	mg/L	1	22-Jun-2023 20:45
Aroclor 1260	U		0.000500	mg/L	1	22-Jun-2023 20:45
PCBs (Total)	U		0.000500	mg/L	1	22-Jun-2023 20:45
Surr: Decachlorobiphenyl	*135*		*54-140*	*%REC*	*1*	*22-Jun-2023 20:45*
Surr: Tetrachloro-m-xylene	*97.5*		*53-137*	*%REC*	*1*	*22-Jun-2023 20:45*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**0.123**		**0.100**	**mg/L**	1	16-Jun-2023 15:44
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 15:44
Sulfate	**129**		**5.00**	**mg/L**	10	16-Jun-2023 17:05
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	16-Jun-2023 15:44
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**14.7**		**1.00**	**mg/L**	1	20-Jun-2023 13:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-15-20230615
Collection Date: 15-Jun-2023 15:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,1-Dichloroethane	**0.0030**		**0.0010**	**mg/L**	1	19-Jun-2023 18:21
1,1-Dichloroethene	**0.0011**		**0.0010**	**mg/L**	1	19-Jun-2023 18:21
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 18:21
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 18:21
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 18:21
Acetone	U		0.0020	mg/L	1	19-Jun-2023 18:21
Benzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 18:21
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 18:21
Carbon tetrachloride	U		0.0010	mg/L	1	19-Jun-2023 18:21
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
Chloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 18:21
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:21
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 18:21
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 18:21
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 18:21
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 18:21
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 18:21
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 18:21
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 18:21
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 18:21

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-15-20230615
Collection Date: 15-Jun-2023 15:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	19-Jun-2023 18:21
o-Xylene		U	0.0010	mg/L	1	19-Jun-2023 18:21
Styrene		U	0.0010	mg/L	1	19-Jun-2023 18:21
Tetrachloroethene		U	0.0010	mg/L	1	19-Jun-2023 18:21
Toluene		U	0.0010	mg/L	1	19-Jun-2023 18:21
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	19-Jun-2023 18:21
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	19-Jun-2023 18:21
Trichloroethene		U	0.0010	mg/L	1	19-Jun-2023 18:21
Trichlorofluoromethane		U	0.0010	mg/L	1	19-Jun-2023 18:21
Vinyl chloride		U	0.0010	mg/L	1	19-Jun-2023 18:21
Xylenes, Total		U	0.0010	mg/L	1	19-Jun-2023 18:21
Surr: 1,2-Dichloroethane-d4	*97.9*		*70-126*	*%REC*	*1*	*19-Jun-2023 18:21*
Surr: 4-Bromofluorobenzene	*92.6*		*77-113*	*%REC*	*1*	*19-Jun-2023 18:21*
Surr: Dibromofluoromethane	*99.8*		*77-123*	*%REC*	*1*	*19-Jun-2023 18:21*
Surr: Toluene-d8	*99.6*		*82-127*	*%REC*	*1*	*19-Jun-2023 18:21*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016		U	0.000500	mg/L	1	22-Jun-2023 20:58
Aroclor 1221		U	0.000500	mg/L	1	22-Jun-2023 20:58
Aroclor 1232		U	0.000500	mg/L	1	22-Jun-2023 20:58
Aroclor 1242		U	0.000500	mg/L	1	22-Jun-2023 20:58
Aroclor 1248		U	0.000500	mg/L	1	22-Jun-2023 20:58
Aroclor 1254		U	0.000500	mg/L	1	22-Jun-2023 20:58
Aroclor 1260		U	0.000500	mg/L	1	22-Jun-2023 20:58
PCBs (Total)		U	0.000500	mg/L	1	22-Jun-2023 20:58
Surr: Decachlorobiphenyl	*126*		*54-140*	*%REC*	*1*	*22-Jun-2023 20:58*
Surr: Tetrachloro-m-xylene	*96.4*		*53-137*	*%REC*	*1*	*22-Jun-2023 20:58*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-08-20230615
Collection Date: 15-Jun-2023 16:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,1-Dichloroethane	**0.0023**		**0.0010**	**mg/L**	1	19-Jun-2023 18:43
1,1-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 18:43
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 18:43
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 18:43
Acetone	U		0.0020	mg/L	1	19-Jun-2023 18:43
Benzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 18:43
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 18:43
Carbon tetrachloride	U		0.0010	mg/L	1	19-Jun-2023 18:43
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Chloroethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 18:43
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:43
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 18:43
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 18:43
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 18:43
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 18:43
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 18:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-08-20230615
Collection Date: 15-Jun-2023 16:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	19-Jun-2023 18:43
o-Xylene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Styrene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Tetrachloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Toluene	U		0.0010	mg/L	1	19-Jun-2023 18:43
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:43
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Trichloroethene	U		0.0010	mg/L	1	19-Jun-2023 18:43
Trichlorofluoromethane	U		0.0010	mg/L	1	19-Jun-2023 18:43
Vinyl chloride	U		0.0010	mg/L	1	19-Jun-2023 18:43
Xylenes, Total	U		0.0010	mg/L	1	19-Jun-2023 18:43
Surr: 1,2-Dichloroethane-d4	*98.1*		*70-126*	*%REC*	*1*	*19-Jun-2023 18:43*
Surr: 4-Bromofluorobenzene	*92.9*		*77-113*	*%REC*	*1*	*19-Jun-2023 18:43*
Surr: Dibromofluoromethane	*97.6*		*77-123*	*%REC*	*1*	*19-Jun-2023 18:43*
Surr: Toluene-d8	*98.8*		*82-127*	*%REC*	*1*	*19-Jun-2023 18:43*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-19-20230615
Collection Date: 15-Jun-2023 10:50

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,1-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,1-Dichloroethene	**0.0012**		**0.0010**	**mg/L**	1	19-Jun-2023 19:04
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 19:04
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 19:04
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 19:04
Acetone	U		0.0020	mg/L	1	19-Jun-2023 19:04
Benzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Bromodichloromethane	**0.0024**		**0.0010**	**mg/L**	1	19-Jun-2023 19:04
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 19:04
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 19:04
Carbon tetrachloride	**0.020**		**0.0010**	**mg/L**	1	19-Jun-2023 19:04
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Chloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
Chloroform	**0.19**		**0.0010**	**mg/L**	1	19-Jun-2023 19:04
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:04
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 19:04
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 19:04
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 19:04
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 19:04
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 19:04
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 19:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-19-20230615
Collection Date: 15-Jun-2023 10:50

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	19-Jun-2023 19:04
o-Xylene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Styrene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Tetrachloroethene	**0.0047**		**0.0010**	**mg/L**	1	19-Jun-2023 19:04
Toluene	U		0.0010	mg/L	1	19-Jun-2023 19:04
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:04
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Trichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:04
Trichlorofluoromethane	U		0.0010	mg/L	1	19-Jun-2023 19:04
Vinyl chloride	U		0.0010	mg/L	1	19-Jun-2023 19:04
Xylenes, Total	U		0.0010	mg/L	1	19-Jun-2023 19:04
Surr: 1,2-Dichloroethane-d4	*96.5*		*70-126*	*%REC*	*1*	*19-Jun-2023 19:04*
Surr: 4-Bromofluorobenzene	*93.5*		*77-113*	*%REC*	*1*	*19-Jun-2023 19:04*
Surr: Dibromofluoromethane	*99.8*		*77-123*	*%REC*	*1*	*19-Jun-2023 19:04*
Surr: Toluene-d8	*99.1*		*82-127*	*%REC*	*1*	*19-Jun-2023 19:04*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP01-20230615
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,1-Dichloroethane	**0.024**		**0.0010**	**mg/L**	1	19-Jun-2023 19:26
1,1-Dichloroethene	**0.013**		**0.0010**	**mg/L**	1	19-Jun-2023 19:26
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 19:26
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 19:26
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 19:26
Acetone	U		0.0020	mg/L	1	19-Jun-2023 19:26
Benzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 19:26
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 19:26
Carbon tetrachloride	U		0.0010	mg/L	1	19-Jun-2023 19:26
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
Chloroethane	**0.0041**		**0.0010**	**mg/L**	1	19-Jun-2023 19:26
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 19:26
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:26
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 19:26
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 19:26
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 19:26
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 19:26
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 19:26
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 19:26
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 19:26
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 19:26

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP01-20230615
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	19-Jun-2023 19:26
o-Xylene		U	0.0010	mg/L	1	19-Jun-2023 19:26
Styrene		U	0.0010	mg/L	1	19-Jun-2023 19:26
Tetrachloroethene		U	0.0010	mg/L	1	19-Jun-2023 19:26
Toluene		U	0.0010	mg/L	1	19-Jun-2023 19:26
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	19-Jun-2023 19:26
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	19-Jun-2023 19:26
Trichloroethene		U	0.0010	mg/L	1	19-Jun-2023 19:26
Trichlorofluoromethane		U	0.0010	mg/L	1	19-Jun-2023 19:26
Vinyl chloride		U	0.0010	mg/L	1	19-Jun-2023 19:26
Xylenes, Total		U	0.0010	mg/L	1	19-Jun-2023 19:26
Surr: 1,2-Dichloroethane-d4	*98.5*		*70-126*	*%REC*	*1*	*19-Jun-2023 19:26*
Surr: 4-Bromofluorobenzene	*93.5*		*77-113*	*%REC*	*1*	*19-Jun-2023 19:26*
Surr: Dibromofluoromethane	*99.7*		*77-123*	*%REC*	*1*	*19-Jun-2023 19:26*
Surr: Toluene-d8	*97.6*		*82-127*	*%REC*	*1*	*19-Jun-2023 19:26*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-09-20230615
Collection Date: 15-Jun-2023 12:45

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,1-Dichloroethane	**0.0038**		**0.0010**	**mg/L**	1	19-Jun-2023 19:47
1,1-Dichloroethene	**0.0017**		**0.0010**	**mg/L**	1	19-Jun-2023 19:47
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
2-Butanone	**0.027**		**0.0020**	**mg/L**	1	19-Jun-2023 19:47
2-Hexanone	**0.040**		**0.0020**	**mg/L**	1	19-Jun-2023 19:47
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 19:47
Acetone	**0.071**		**0.0020**	**mg/L**	1	19-Jun-2023 19:47
Benzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 19:47
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 19:47
Carbon tetrachloride	**0.0066**		**0.0010**	**mg/L**	1	19-Jun-2023 19:47
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Chloroethane	**0.0021**		**0.0010**	**mg/L**	1	19-Jun-2023 19:47
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 19:47
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:47
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 19:47
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 19:47
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 19:47
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 19:47
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 19:47
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 19:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-09-20230615
Collection Date: 15-Jun-2023 12:45

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	19-Jun-2023 19:47
o-Xylene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Styrene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Tetrachloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Toluene	U		0.0010	mg/L	1	19-Jun-2023 19:47
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:47
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Trichloroethene	U		0.0010	mg/L	1	19-Jun-2023 19:47
Trichlorofluoromethane	U		0.0010	mg/L	1	19-Jun-2023 19:47
Vinyl chloride	U		0.0010	mg/L	1	19-Jun-2023 19:47
Xylenes, Total	U		0.0010	mg/L	1	19-Jun-2023 19:47
Surr: 1,2-Dichloroethane-d4	*98.9*		*70-126*	*%REC*	*1*	*19-Jun-2023 19:47*
Surr: 4-Bromofluorobenzene	*94.8*		*77-113*	*%REC*	*1*	*19-Jun-2023 19:47*
Surr: Dibromofluoromethane	*98.3*		*77-123*	*%REC*	*1*	*19-Jun-2023 19:47*
Surr: Toluene-d8	*95.0*		*82-127*	*%REC*	*1*	*19-Jun-2023 19:47*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	**0.116**		**0.0250**	**mg/L**	50	01-Jul-2023 03:45
Aroclor 1221	U		0.0250	mg/L	50	01-Jul-2023 03:45
Aroclor 1232	U		0.0250	mg/L	50	01-Jul-2023 03:45
Aroclor 1242	U		0.0250	mg/L	50	01-Jul-2023 03:45
Aroclor 1248	U		0.0250	mg/L	50	01-Jul-2023 03:45
Aroclor 1254	U		0.0250	mg/L	50	01-Jul-2023 03:45
Aroclor 1260	U		0.0250	mg/L	50	01-Jul-2023 03:45
PCBs (Total)	**0.116**		**0.0250**	**mg/L**	50	01-Jul-2023 03:45
Surr: Decachlorobiphenyl	*414*	*JS*	*54-140*	*%REC*	*50*	*01-Jul-2023 03:45*
Surr: Tetrachloro-m-xylene	*790*	*JS*	*53-137*	*%REC*	*50*	*01-Jul-2023 03:45*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-36-20230615
Collection Date: 15-Jun-2023 11:10

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,1-Dichloroethane	**0.024**		**0.0010**	**mg/L**	1	20-Jun-2023 01:52
1,1-Dichloroethene	**0.12**		**0.0010**	**mg/L**	1	20-Jun-2023 01:52
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,2-Dichloroethane	**0.012**		**0.0010**	**mg/L**	1	20-Jun-2023 01:52
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 01:52
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 01:52
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 01:52
Acetone	U		0.0020	mg/L	1	20-Jun-2023 01:52
Benzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 01:52
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 01:52
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 01:52
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 01:52
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 01:52
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 01:52
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 01:52
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 01:52
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 01:52
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 01:52
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 01:52
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 01:52
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 01:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-36-20230615
Collection Date: 15-Jun-2023 11:10

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	20-Jun-2023 01:52
o-Xylene		U	0.0010	mg/L	1	20-Jun-2023 01:52
Styrene		U	0.0010	mg/L	1	20-Jun-2023 01:52
Tetrachloroethene		U	0.0010	mg/L	1	20-Jun-2023 01:52
Toluene		U	0.0010	mg/L	1	20-Jun-2023 01:52
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	20-Jun-2023 01:52
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	20-Jun-2023 01:52
Trichloroethene		U	0.0010	mg/L	1	20-Jun-2023 01:52
Trichlorofluoromethane		U	0.0010	mg/L	1	20-Jun-2023 01:52
Vinyl chloride		U	0.0010	mg/L	1	20-Jun-2023 01:52
Xylenes, Total		U	0.0010	mg/L	1	20-Jun-2023 01:52
Surr: 1,2-Dichloroethane-d4	*99.2*		*70-126*	*%REC*	*1*	*20-Jun-2023 01:52*
Surr: 4-Bromofluorobenzene	*91.7*		*77-113*	*%REC*	*1*	*20-Jun-2023 01:52*
Surr: Dibromofluoromethane	*97.9*		*77-123*	*%REC*	*1*	*20-Jun-2023 01:52*
Surr: Toluene-d8	*99.3*		*82-127*	*%REC*	*1*	*20-Jun-2023 01:52*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-10-20230615
Collection Date: 15-Jun-2023 15:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,1-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,1-Dichloroethene	**0.0010**		**0.0010**	**mg/L**	1	20-Jun-2023 02:13
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 02:13
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 02:13
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 02:13
Acetone	U		0.0020	mg/L	1	20-Jun-2023 02:13
Benzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 02:13
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 02:13
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 02:13
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 02:13
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:13
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 02:13
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 02:13
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 02:13
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 02:13
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 02:13
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 02:13
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 02:13
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 02:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-10-20230615
Collection Date: 15-Jun-2023 15:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	20-Jun-2023 02:13
o-Xylene		U	0.0010	mg/L	1	20-Jun-2023 02:13
Styrene		U	0.0010	mg/L	1	20-Jun-2023 02:13
Tetrachloroethene		U	0.0010	mg/L	1	20-Jun-2023 02:13
Toluene		U	0.0010	mg/L	1	20-Jun-2023 02:13
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	20-Jun-2023 02:13
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	20-Jun-2023 02:13
Trichloroethene		U	0.0010	mg/L	1	20-Jun-2023 02:13
Trichlorofluoromethane		U	0.0010	mg/L	1	20-Jun-2023 02:13
Vinyl chloride		U	0.0010	mg/L	1	20-Jun-2023 02:13
Xylenes, Total		U	0.0010	mg/L	1	20-Jun-2023 02:13
Surr: 1,2-Dichloroethane-d4	*99.3*		*70-126*	*%REC*	*1*	*20-Jun-2023 02:13*
Surr: 4-Bromofluorobenzene	*92.2*		*77-113*	*%REC*	*1*	*20-Jun-2023 02:13*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*20-Jun-2023 02:13*
Surr: Toluene-d8	*99.2*		*82-127*	*%REC*	*1*	*20-Jun-2023 02:13*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016		U	0.000500	mg/L	1	22-Jun-2023 21:23
Aroclor 1221		U	0.000500	mg/L	1	22-Jun-2023 21:23
Aroclor 1232		U	0.000500	mg/L	1	22-Jun-2023 21:23
Aroclor 1242		U	0.000500	mg/L	1	22-Jun-2023 21:23
Aroclor 1248		U	0.000500	mg/L	1	22-Jun-2023 21:23
Aroclor 1254		U	0.000500	mg/L	1	22-Jun-2023 21:23
Aroclor 1260		U	0.000500	mg/L	1	22-Jun-2023 21:23
PCBs (Total)		U	0.000500	mg/L	1	22-Jun-2023 21:23
Surr: Decachlorobiphenyl	*123*		*54-140*	*%REC*	*1*	*22-Jun-2023 21:23*
Surr: Tetrachloro-m-xylene	*70.9*		*53-137*	*%REC*	*1*	*22-Jun-2023 21:23*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-44-20230615
Collection Date: 15-Jun-2023 11:30

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,1-Dichloroethane	**0.0032**		**0.0010**	**mg/L**	1	20-Jun-2023 00:26
1,1-Dichloroethene	**0.0043**		**0.0010**	**mg/L**	1	20-Jun-2023 00:26
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,2-Dichloroethane	**0.0010**		**0.0010**	**mg/L**	1	20-Jun-2023 00:26
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 00:26
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 00:26
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 00:26
Acetone	U		0.0020	mg/L	1	20-Jun-2023 00:26
Benzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 00:26
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 00:26
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 00:26
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 00:26
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 00:26
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 00:26
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 00:26
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 00:26
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 00:26
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 00:26
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 00:26
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 00:26
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 00:26

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-44-20230615
Collection Date: 15-Jun-2023 11:30

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	20-Jun-2023 00:26
o-Xylene		U	0.0010	mg/L	1	20-Jun-2023 00:26
Styrene		U	0.0010	mg/L	1	20-Jun-2023 00:26
Tetrachloroethene		U	0.0010	mg/L	1	20-Jun-2023 00:26
Toluene		U	0.0010	mg/L	1	20-Jun-2023 00:26
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	20-Jun-2023 00:26
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	20-Jun-2023 00:26
Trichloroethene		U	0.0010	mg/L	1	20-Jun-2023 00:26
Trichlorofluoromethane		U	0.0010	mg/L	1	20-Jun-2023 00:26
Vinyl chloride		U	0.0010	mg/L	1	20-Jun-2023 00:26
Xylenes, Total		U	0.0010	mg/L	1	20-Jun-2023 00:26
Surr: 1,2-Dichloroethane-d4	*99.4*		*70-126*	*%REC*	*1*	*20-Jun-2023 00:26*
Surr: 4-Bromofluorobenzene	*92.2*		*77-113*	*%REC*	*1*	*20-Jun-2023 00:26*
Surr: Dibromofluoromethane	*98.6*		*77-123*	*%REC*	*1*	*20-Jun-2023 00:26*
Surr: Toluene-d8	*98.9*		*82-127*	*%REC*	*1*	*20-Jun-2023 00:26*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB02
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-11
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,1-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,1-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
2-Butanone	U		0.0020	mg/L	1	19-Jun-2023 23:43
2-Hexanone	U		0.0020	mg/L	1	19-Jun-2023 23:43
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Jun-2023 23:43
Acetone	U		0.0020	mg/L	1	19-Jun-2023 23:43
Benzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
Bromodichloromethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
Bromoform	U		0.0010	mg/L	1	19-Jun-2023 23:43
Bromomethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
Carbon disulfide	U		0.0020	mg/L	1	19-Jun-2023 23:43
Carbon tetrachloride	U		0.0010	mg/L	1	19-Jun-2023 23:43
Chlorobenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
Chloroethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
Chloroform	U		0.0010	mg/L	1	19-Jun-2023 23:43
Chloromethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Jun-2023 23:43
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Jun-2023 23:43
Cyclohexane	U		0.0010	mg/L	1	19-Jun-2023 23:43
Dibromochloromethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Jun-2023 23:43
Ethylbenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
Isopropylbenzene	U		0.0010	mg/L	1	19-Jun-2023 23:43
m,p-Xylene	U		0.0020	mg/L	1	19-Jun-2023 23:43
Methyl acetate	U		0.0010	mg/L	1	19-Jun-2023 23:43
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Jun-2023 23:43
Methylcyclohexane	U		0.0010	mg/L	1	19-Jun-2023 23:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB02
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-11
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	19-Jun-2023 23:43
o-Xylene		U	0.0010	mg/L	1	19-Jun-2023 23:43
Styrene		U	0.0010	mg/L	1	19-Jun-2023 23:43
Tetrachloroethene		U	0.0010	mg/L	1	19-Jun-2023 23:43
Toluene		U	0.0010	mg/L	1	19-Jun-2023 23:43
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	19-Jun-2023 23:43
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	19-Jun-2023 23:43
Trichloroethene		U	0.0010	mg/L	1	19-Jun-2023 23:43
Trichlorofluoromethane		U	0.0010	mg/L	1	19-Jun-2023 23:43
Vinyl chloride		U	0.0010	mg/L	1	19-Jun-2023 23:43
Xylenes, Total		U	0.0010	mg/L	1	19-Jun-2023 23:43
Surr: 1,2-Dichloroethane-d4	*99.9*		*70-126*	*%REC*	*1*	*19-Jun-2023 23:43*
Surr: 4-Bromofluorobenzene	*93.8*		*77-113*	*%REC*	*1*	*19-Jun-2023 23:43*
Surr: Dibromofluoromethane	*99.3*		*77-123*	*%REC*	*1*	*19-Jun-2023 23:43*
Surr: Toluene-d8	*98.6*		*82-127*	*%REC*	*1*	*19-Jun-2023 23:43*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-14-20230615
Collection Date: 15-Jun-2023 14:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,1-Dichloroethane	**0.0063**		**0.0010**	**mg/L**	1	20-Jun-2023 02:34
1,1-Dichloroethene	**0.0017**		**0.0010**	**mg/L**	1	20-Jun-2023 02:34
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
2-Butanone	**0.063**		**0.0020**	**mg/L**	1	20-Jun-2023 02:34
2-Hexanone	**0.036**		**0.0020**	**mg/L**	1	20-Jun-2023 02:34
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 02:34
Acetone	**0.11**		**0.0020**	**mg/L**	1	20-Jun-2023 02:34
Benzene	**0.0011**		**0.0010**	**mg/L**	1	20-Jun-2023 02:34
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 02:34
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 02:34
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 02:34
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Chloroethane	**0.0049**		**0.0010**	**mg/L**	1	20-Jun-2023 02:34
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 02:34
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:34
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 02:34
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 02:34
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 02:34
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 02:34
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 02:34
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 02:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-14-20230615
Collection Date: 15-Jun-2023 14:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	20-Jun-2023 02:34
o-Xylene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Styrene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Tetrachloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Toluene	U		0.0010	mg/L	1	20-Jun-2023 02:34
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:34
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Trichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:34
Trichlorofluoromethane	U		0.0010	mg/L	1	20-Jun-2023 02:34
Vinyl chloride	U		0.0010	mg/L	1	20-Jun-2023 02:34
Xylenes, Total	U		0.0010	mg/L	1	20-Jun-2023 02:34
Surr: 1,2-Dichloroethane-d4	*98.7*		*70-126*	*%REC*	*1*	*20-Jun-2023 02:34*
Surr: 4-Bromofluorobenzene	*96.9*		*77-113*	*%REC*	*1*	*20-Jun-2023 02:34*
Surr: Dibromofluoromethane	*98.9*		*77-123*	*%REC*	*1*	*20-Jun-2023 02:34*
Surr: Toluene-d8	*95.9*		*82-127*	*%REC*	*1*	*20-Jun-2023 02:34*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	22-Jun-2023 21:36
Aroclor 1221	U		0.000500	mg/L	1	22-Jun-2023 21:36
Aroclor 1232	U		0.000500	mg/L	1	22-Jun-2023 21:36
Aroclor 1242	U		0.000500	mg/L	1	22-Jun-2023 21:36
Aroclor 1248	U		0.000500	mg/L	1	22-Jun-2023 21:36
Aroclor 1254	U		0.000500	mg/L	1	22-Jun-2023 21:36
Aroclor 1260	U		0.000500	mg/L	1	22-Jun-2023 21:36
PCBs (Total)	U		0.000500	mg/L	1	22-Jun-2023 21:36
Surr: Decachlorobiphenyl	*137*		*54-140*	*%REC*	*1*	*22-Jun-2023 21:36*
Surr: Tetrachloro-m-xylene	*91.8*		*53-137*	*%REC*	*1*	*22-Jun-2023 21:36*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**0.793**		**0.100**	**mg/L**	1	16-Jun-2023 15:49
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 15:49
Sulfate	**16.3**		**0.500**	**mg/L**	1	16-Jun-2023 15:49
Nitrate/Nitrite (as N)	**0.793**		**0.200**	**mg/L**	1	16-Jun-2023 15:49
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**1,390**		**100**	**mg/L**	100	27-Jun-2023 17:11

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22B-20230615
Collection Date: 15-Jun-2023 13:30

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,1-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,1-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 02:56
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 02:56
4-Methyl-2-pentanone	**0.0025**		**0.0020**	**mg/L**	1	20-Jun-2023 02:56
Acetone	**0.019**		**0.0020**	**mg/L**	1	20-Jun-2023 02:56
Benzene	**0.0017**		**0.0010**	**mg/L**	1	20-Jun-2023 02:56
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 02:56
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 02:56
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 02:56
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 02:56
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:56
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 02:56
m,p-Xylene	**0.0021**		**0.0020**	**mg/L**	1	20-Jun-2023 02:56
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 02:56
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 02:56
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 02:56

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22B-20230615
Collection Date: 15-Jun-2023 13:30

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	20-Jun-2023 02:56
o-Xylene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Styrene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Tetrachloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Toluene	U		0.0010	mg/L	1	20-Jun-2023 02:56
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:56
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Trichloroethene	U		0.0010	mg/L	1	20-Jun-2023 02:56
Trichlorofluoromethane	U		0.0010	mg/L	1	20-Jun-2023 02:56
Vinyl chloride	U		0.0010	mg/L	1	20-Jun-2023 02:56
Xylenes, Total	**0.0027**		**0.0010**	**mg/L**	1	20-Jun-2023 02:56
Surr: 1,2-Dichloroethane-d4	*99.2*		*70-126*	*%REC*	*1*	*20-Jun-2023 02:56*
Surr: 4-Bromofluorobenzene	*93.9*		*77-113*	*%REC*	*1*	*20-Jun-2023 02:56*
Surr: Dibromofluoromethane	*99.6*		*77-123*	*%REC*	*1*	*20-Jun-2023 02:56*
Surr: Toluene-d8	*98.3*		*82-127*	*%REC*	*1*	*20-Jun-2023 02:56*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000980	mg/L	1	22-Jun-2023 22:14
Aroclor 1221	U		0.000980	mg/L	1	22-Jun-2023 22:14
Aroclor 1232	U		0.000980	mg/L	1	22-Jun-2023 22:14
Aroclor 1242	U		0.000980	mg/L	1	22-Jun-2023 22:14
Aroclor 1248	U		0.000980	mg/L	1	22-Jun-2023 22:14
Aroclor 1254	U		0.000980	mg/L	1	22-Jun-2023 22:14
Aroclor 1260	U		0.000980	mg/L	1	22-Jun-2023 22:14
PCBs (Total)	U		0.000980	mg/L	1	22-Jun-2023 22:14
Surr: Decachlorobiphenyl	*136*		*54-140*	*%REC*	*1*	*22-Jun-2023 22:14*
Surr: Tetrachloro-m-xylene	*70.9*		*53-137*	*%REC*	*1*	*22-Jun-2023 22:14*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	16-Jun-2023 15:55
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 15:55
Sulfate	**841**		**10.0**	**mg/L**	20	16-Jun-2023 17:29
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	16-Jun-2023 15:55
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**36.1**		**1.00**	**mg/L**	1	20-Jun-2023 14:21

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20C-20230615
Collection Date: 15-Jun-2023 14:45

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,1-Dichloroethane	**0.0058**		**0.0010**	**mg/L**	1	20-Jun-2023 03:17
1,1-Dichloroethene	**0.0044**		**0.0010**	**mg/L**	1	20-Jun-2023 03:17
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
2-Butanone	**0.0084**		**0.0020**	**mg/L**	1	20-Jun-2023 03:17
2-Hexanone	**0.0057**		**0.0020**	**mg/L**	1	20-Jun-2023 03:17
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 03:17
Acetone	**0.14**		**0.0020**	**mg/L**	1	20-Jun-2023 03:17
Benzene	**0.0013**		**0.0010**	**mg/L**	1	20-Jun-2023 03:17
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 03:17
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 03:17
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 03:17
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 03:17
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 03:17
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 03:17
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 03:17
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 03:17
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 03:17
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 03:17
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 03:17
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 03:17
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 03:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20C-20230615
Collection Date: 15-Jun-2023 14:45

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	20-Jun-2023 03:17
o-Xylene		U	0.0010	mg/L	1	20-Jun-2023 03:17
Styrene		U	0.0010	mg/L	1	20-Jun-2023 03:17
Tetrachloroethene		U	0.0010	mg/L	1	20-Jun-2023 03:17
Toluene		U	0.0010	mg/L	1	20-Jun-2023 03:17
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	20-Jun-2023 03:17
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	20-Jun-2023 03:17
Trichloroethene		U	0.0010	mg/L	1	20-Jun-2023 03:17
Trichlorofluoromethane		U	0.0010	mg/L	1	20-Jun-2023 03:17
Vinyl chloride		U	0.0010	mg/L	1	20-Jun-2023 03:17
Xylenes, Total		U	0.0010	mg/L	1	20-Jun-2023 03:17
Surr: 1,2-Dichloroethane-d4	*97.9*		*70-126*	*%REC*	*1*	*20-Jun-2023 03:17*
Surr: 4-Bromofluorobenzene	*96.0*		*77-113*	*%REC*	*1*	*20-Jun-2023 03:17*
Surr: Dibromofluoromethane	*99.7*		*77-123*	*%REC*	*1*	*20-Jun-2023 03:17*
Surr: Toluene-d8	*98.2*		*82-127*	*%REC*	*1*	*20-Jun-2023 03:17*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016		U	0.000500	mg/L	1	22-Jun-2023 22:27
Aroclor 1221		U	0.000500	mg/L	1	22-Jun-2023 22:27
Aroclor 1232		U	0.000500	mg/L	1	22-Jun-2023 22:27
Aroclor 1242		U	0.000500	mg/L	1	22-Jun-2023 22:27
Aroclor 1248		U	0.000500	mg/L	1	22-Jun-2023 22:27
Aroclor 1254		U	0.000500	mg/L	1	22-Jun-2023 22:27
Aroclor 1260		U	0.000500	mg/L	1	22-Jun-2023 22:27
PCBs (Total)		U	0.000500	mg/L	1	22-Jun-2023 22:27
Surr: Decachlorobiphenyl	*130*		*54-140*	*%REC*	*1*	*22-Jun-2023 22:27*
Surr: Tetrachloro-m-xylene	*79.4*		*53-137*	*%REC*	*1*	*22-Jun-2023 22:27*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22C-20230615
Collection Date: 15-Jun-2023 14:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,1-Dichloroethane	**0.0017**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
1,1-Dichloroethene	**0.0024**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:39
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:39
2-Butanone	**0.18**		**0.0020**	**mg/L**	1	20-Jun-2023 03:39
2-Hexanone	**0.035**		**0.0020**	**mg/L**	1	20-Jun-2023 03:39
4-Methyl-2-pentanone	**0.0042**		**0.0020**	**mg/L**	1	20-Jun-2023 03:39
Acetone	**0.083**		**0.0020**	**mg/L**	1	20-Jun-2023 03:39
Benzene	**0.0048**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 03:39
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 03:39
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 03:39
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 03:39
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 03:39
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 03:39
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 03:39
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Ethylbenzene	**0.0012**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 03:39
m,p-Xylene	**0.0033**		**0.0020**	**mg/L**	1	20-Jun-2023 03:39
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 03:39
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 03:39
Methylcyclohexane	**0.0022**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22C-20230615
Collection Date: 15-Jun-2023 14:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	20-Jun-2023 03:39
o-Xylene	**0.0026**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
Styrene	U		0.0010	mg/L	1	20-Jun-2023 03:39
Tetrachloroethene	U		0.0010	mg/L	1	20-Jun-2023 03:39
Toluene	**0.0040**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 03:39
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 03:39
Trichloroethene	U		0.0010	mg/L	1	20-Jun-2023 03:39
Trichlorofluoromethane	U		0.0010	mg/L	1	20-Jun-2023 03:39
Vinyl chloride	**0.0014**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
Xylenes, Total	**0.0059**		**0.0010**	**mg/L**	1	20-Jun-2023 03:39
Surr: 1,2-Dichloroethane-d4	*97.9*		*70-126*	*%REC*	*1*	*20-Jun-2023 03:39*
Surr: 4-Bromofluorobenzene	*96.5*		*77-113*	*%REC*	*1*	*20-Jun-2023 03:39*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*20-Jun-2023 03:39*
Surr: Toluene-d8	*97.8*		*82-127*	*%REC*	*1*	*20-Jun-2023 03:39*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	**0.0770**		**0.00500**	**mg/L**	10	07-Jul-2023 09:46
Aroclor 1221	U		0.00500	mg/L	10	07-Jul-2023 09:46
Aroclor 1232	U		0.00500	mg/L	10	07-Jul-2023 09:46
Aroclor 1242	U		0.00500	mg/L	10	07-Jul-2023 09:46
Aroclor 1248	U		0.00500	mg/L	10	07-Jul-2023 09:46
Aroclor 1254	U		0.00500	mg/L	10	07-Jul-2023 09:46
Aroclor 1260	U		0.00500	mg/L	10	07-Jul-2023 09:46
PCBs (Total)	**0.077**		**0.00500**	**mg/L**	10	07-Jul-2023 09:46
Surr: Decachlorobiphenyl	*679*	*S*	*54-140*	*%REC*	*10*	*07-Jul-2023 09:46*
Surr: Tetrachloro-m-xylene	*383*	*S*	*53-137*	*%REC*	*10*	*07-Jul-2023 09:46*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**0.464**		**0.100**	**mg/L**	1	16-Jun-2023 16:01
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 16:01
Sulfate	**15.8**		**0.500**	**mg/L**	1	16-Jun-2023 16:01
Nitrate/Nitrite (as N)	**0.464**		**0.200**	**mg/L**	1	16-Jun-2023 16:01
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**183**		**20.0**	**mg/L**	20	27-Jun-2023 17:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20B-20230615
Collection Date: 15-Jun-2023 14:45

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-16
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,1-Dichloroethane	**0.024**		**0.0010**	**mg/L**	1	20-Jun-2023 04:00
1,1-Dichloroethene	**0.0033**		**0.0010**	**mg/L**	1	20-Jun-2023 04:00
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 04:00
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 04:00
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 04:00
Acetone	U		0.0020	mg/L	1	20-Jun-2023 04:00
Benzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 04:00
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 04:00
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 04:00
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 04:00
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:00
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 04:00
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 04:00
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 04:00
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 04:00
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 04:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20B-20230615
Collection Date: 15-Jun-2023 14:45

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-16
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	20-Jun-2023 04:00
o-Xylene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Styrene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Tetrachloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Toluene	U		0.0010	mg/L	1	20-Jun-2023 04:00
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:00
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Trichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:00
Trichlorofluoromethane	U		0.0010	mg/L	1	20-Jun-2023 04:00
Vinyl chloride	U		0.0010	mg/L	1	20-Jun-2023 04:00
Xylenes, Total	U		0.0010	mg/L	1	20-Jun-2023 04:00
Surr: 1,2-Dichloroethane-d4	*98.0*		*70-126*	*%REC*	*1*	*20-Jun-2023 04:00*
Surr: 4-Bromofluorobenzene	*93.4*		*77-113*	*%REC*	*1*	*20-Jun-2023 04:00*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*20-Jun-2023 04:00*
Surr: Toluene-d8	*97.9*		*82-127*	*%REC*	*1*	*20-Jun-2023 04:00*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	22-Jun-2023 22:52
Aroclor 1221	U		0.000500	mg/L	1	22-Jun-2023 22:52
Aroclor 1232	U		0.000500	mg/L	1	22-Jun-2023 22:52
Aroclor 1242	U		0.000500	mg/L	1	22-Jun-2023 22:52
Aroclor 1248	U		0.000500	mg/L	1	22-Jun-2023 22:52
Aroclor 1254	U		0.000500	mg/L	1	22-Jun-2023 22:52
Aroclor 1260	U		0.000500	mg/L	1	22-Jun-2023 22:52
PCBs (Total)	U		0.000500	mg/L	1	22-Jun-2023 22:52
Surr: Decachlorobiphenyl	*122*		*54-140*	*%REC*	*1*	*22-Jun-2023 22:52*
Surr: Tetrachloro-m-xylene	*99.1*		*53-137*	*%REC*	*1*	*22-Jun-2023 22:52*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB03
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-17
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,1-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,1-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 00:04
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 00:04
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 00:04
Acetone	U		0.0020	mg/L	1	20-Jun-2023 00:04
Benzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 00:04
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 00:04
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 00:04
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 00:04
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 00:04
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 00:04
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 00:04
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 00:04
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 00:04
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 00:04
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 00:04
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 00:04
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 00:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB03
Collection Date: 15-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-17
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	20-Jun-2023 00:04
o-Xylene		U	0.0010	mg/L	1	20-Jun-2023 00:04
Styrene		U	0.0010	mg/L	1	20-Jun-2023 00:04
Tetrachloroethene		U	0.0010	mg/L	1	20-Jun-2023 00:04
Toluene		U	0.0010	mg/L	1	20-Jun-2023 00:04
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	20-Jun-2023 00:04
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	20-Jun-2023 00:04
Trichloroethene		U	0.0010	mg/L	1	20-Jun-2023 00:04
Trichlorofluoromethane		U	0.0010	mg/L	1	20-Jun-2023 00:04
Vinyl chloride		U	0.0010	mg/L	1	20-Jun-2023 00:04
Xylenes, Total		U	0.0010	mg/L	1	20-Jun-2023 00:04
Surr: 1,2-Dichloroethane-d4	*98.3*		*70-126*	*%REC*	*1*	*20-Jun-2023 00:04*
Surr: 4-Bromofluorobenzene	*92.7*		*77-113*	*%REC*	*1*	*20-Jun-2023 00:04*
Surr: Dibromofluoromethane	*99.0*		*77-123*	*%REC*	*1*	*20-Jun-2023 00:04*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*1*	*20-Jun-2023 00:04*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21B-20230615
Collection Date: 15-Jun-2023 13:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-18
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,1-Dichloroethane	**0.0072**		**0.0010**	**mg/L**	1	20-Jun-2023 04:22
1,1-Dichloroethene	**0.0066**		**0.0010**	**mg/L**	1	20-Jun-2023 04:22
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,2-Dichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
2-Butanone	**0.0023**		**0.0020**	**mg/L**	1	20-Jun-2023 04:22
2-Hexanone	**0.017**		**0.0020**	**mg/L**	1	20-Jun-2023 04:22
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 04:22
Acetone	**0.028**		**0.0020**	**mg/L**	1	20-Jun-2023 04:22
Benzene	**0.0017**		**0.0010**	**mg/L**	1	20-Jun-2023 04:22
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 04:22
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 04:22
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 04:22
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Chloroethane	**0.034**		**0.0010**	**mg/L**	1	20-Jun-2023 04:22
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 04:22
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:22
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 04:22
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 04:22
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 04:22
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 04:22
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 04:22
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 04:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21B-20230615
Collection Date: 15-Jun-2023 13:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-18
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	20-Jun-2023 04:22
o-Xylene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Styrene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Tetrachloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Toluene	U		0.0010	mg/L	1	20-Jun-2023 04:22
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:22
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Trichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:22
Trichlorofluoromethane	U		0.0010	mg/L	1	20-Jun-2023 04:22
Vinyl chloride	U		0.0010	mg/L	1	20-Jun-2023 04:22
Xylenes, Total	U		0.0010	mg/L	1	20-Jun-2023 04:22
Surr: 1,2-Dichloroethane-d4	*98.8*		*70-126*	*%REC*	*1*	*20-Jun-2023 04:22*
Surr: 4-Bromofluorobenzene	*96.2*		*77-113*	*%REC*	*1*	*20-Jun-2023 04:22*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*20-Jun-2023 04:22*
Surr: Toluene-d8	*98.2*		*82-127*	*%REC*	*1*	*20-Jun-2023 04:22*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	22-Jun-2023 23:05
Aroclor 1221	U		0.000500	mg/L	1	22-Jun-2023 23:05
Aroclor 1232	U		0.000500	mg/L	1	22-Jun-2023 23:05
Aroclor 1242	U		0.000500	mg/L	1	22-Jun-2023 23:05
Aroclor 1248	U		0.000500	mg/L	1	22-Jun-2023 23:05
Aroclor 1254	U		0.000500	mg/L	1	22-Jun-2023 23:05
Aroclor 1260	U		0.000500	mg/L	1	22-Jun-2023 23:05
PCBs (Total)	U		0.000500	mg/L	1	22-Jun-2023 23:05
Surr: Decachlorobiphenyl	*120*		*54-140*	*%REC*	*1*	*22-Jun-2023 23:05*
Surr: Tetrachloro-m-xylene	*102*		*53-137*	*%REC*	*1*	*22-Jun-2023 23:05*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	16-Jun-2023 16:07
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 16:07
Sulfate	**398**		**5.00**	**mg/L**	10	16-Jun-2023 17:40
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	16-Jun-2023 16:07
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**52.4**		**2.00**	**mg/L**	2	27-Jun-2023 17:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21C-20230615
Collection Date: 15-Jun-2023 13:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-19
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,1,2,2-Tetrachloroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,1,2-Trichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,1-Dichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,1-Dichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:07
1,2,4-Trichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
1,2-Dibromo-3-chloropropane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,2-Dibromoethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,2-Dichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
1,2-Dichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,2-Dichloropropane	U		0.010	mg/L	10	20-Jun-2023 05:07
1,3-Dichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
1,4-Dichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
2-Butanone	**0.57**		**0.020**	**mg/L**	10	20-Jun-2023 05:07
2-Hexanone	**0.10**		**0.020**	**mg/L**	10	20-Jun-2023 05:07
4-Methyl-2-pentanone	U		0.020	mg/L	10	20-Jun-2023 05:07
Acetone	**0.40**		**0.020**	**mg/L**	10	20-Jun-2023 05:07
Benzene	U		0.010	mg/L	10	20-Jun-2023 05:07
Bromodichloromethane	U		0.010	mg/L	10	20-Jun-2023 05:07
Bromoform	U		0.010	mg/L	10	20-Jun-2023 05:07
Bromomethane	U		0.010	mg/L	10	20-Jun-2023 05:07
Carbon disulfide	U		0.020	mg/L	10	20-Jun-2023 05:07
Carbon tetrachloride	U		0.010	mg/L	10	20-Jun-2023 05:07
Chlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
Chloroethane	U		0.010	mg/L	10	20-Jun-2023 05:07
Chloroform	U		0.010	mg/L	10	20-Jun-2023 05:07
Chloromethane	U		0.010	mg/L	10	20-Jun-2023 05:07
cis-1,2-Dichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:07
cis-1,3-Dichloropropene	U		0.010	mg/L	10	20-Jun-2023 05:07
Cyclohexane	U		0.010	mg/L	10	20-Jun-2023 05:07
Dibromochloromethane	U		0.010	mg/L	10	20-Jun-2023 05:07
Dichlorodifluoromethane	U		0.010	mg/L	10	20-Jun-2023 05:07
Ethylbenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
Isopropylbenzene	U		0.010	mg/L	10	20-Jun-2023 05:07
m,p-Xylene	U		0.020	mg/L	10	20-Jun-2023 05:07
Methyl acetate	U		0.010	mg/L	10	20-Jun-2023 05:07
Methyl tert-butyl ether	U		0.010	mg/L	10	20-Jun-2023 05:07
Methylcyclohexane	U		0.010	mg/L	10	20-Jun-2023 05:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21C-20230615
Collection Date: 15-Jun-2023 13:15

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-19
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.020	mg/L	10	20-Jun-2023 05:07
o-Xylene	U		0.010	mg/L	10	20-Jun-2023 05:07
Styrene	U		0.010	mg/L	10	20-Jun-2023 05:07
Tetrachloroethene	U		0.010	mg/L	10	20-Jun-2023 05:07
Toluene	U		0.010	mg/L	10	20-Jun-2023 05:07
trans-1,2-Dichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:07
trans-1,3-Dichloropropene	U		0.010	mg/L	10	20-Jun-2023 05:07
Trichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:07
Trichlorofluoromethane	U		0.010	mg/L	10	20-Jun-2023 05:07
Vinyl chloride	U		0.010	mg/L	10	20-Jun-2023 05:07
Xylenes, Total	U		0.010	mg/L	10	20-Jun-2023 05:07
Surr: 1,2-Dichloroethane-d4	*97.8*		*70-126*	*%REC*	*10*	*20-Jun-2023 05:07*
Surr: 4-Bromofluorobenzene	*96.3*		*77-113*	*%REC*	*10*	*20-Jun-2023 05:07*
Surr: Dibromofluoromethane	*99.6*		*77-123*	*%REC*	*10*	*20-Jun-2023 05:07*
Surr: Toluene-d8	*95.2*		*82-127*	*%REC*	*10*	*20-Jun-2023 05:07*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**1.19**		**0.100**	**mg/L**	1	16-Jun-2023 17:17
Nitrogen, Nitrite (As N)	**0.657**		**0.100**	**mg/L**	1	16-Jun-2023 17:17
Sulfate	**33.8**		**0.500**	**mg/L**	1	16-Jun-2023 17:17
Nitrate/Nitrite (as N)	**1.85**		**0.200**	**mg/L**	1	16-Jun-2023 17:17
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**2,840**		**100**	**mg/L**	100	27-Jun-2023 18:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-54-20230615
Collection Date: 15-Jun-2023 12:30

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-20
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,1,2,2-Tetrachloroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,1,2-Trichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,1-Dichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,1-Dichloroethene	**0.015**		**0.010**	**mg/L**	10	20-Jun-2023 05:31
1,2,4-Trichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
1,2-Dibromo-3-chloropropane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,2-Dibromoethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,2-Dichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
1,2-Dichloroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,2-Dichloropropane	U		0.010	mg/L	10	20-Jun-2023 05:31
1,3-Dichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
1,4-Dichlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
2-Butanone	U		0.020	mg/L	10	20-Jun-2023 05:31
2-Hexanone	U		0.020	mg/L	10	20-Jun-2023 05:31
4-Methyl-2-pentanone	U		0.020	mg/L	10	20-Jun-2023 05:31
Acetone	U		0.020	mg/L	10	20-Jun-2023 05:31
Benzene	U		0.010	mg/L	10	20-Jun-2023 05:31
Bromodichloromethane	U		0.010	mg/L	10	20-Jun-2023 05:31
Bromoform	U		0.010	mg/L	10	20-Jun-2023 05:31
Bromomethane	U		0.010	mg/L	10	20-Jun-2023 05:31
Carbon disulfide	U		0.020	mg/L	10	20-Jun-2023 05:31
Carbon tetrachloride	U		0.010	mg/L	10	20-Jun-2023 05:31
Chlorobenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
Chloroethane	U		0.010	mg/L	10	20-Jun-2023 05:31
Chloroform	U		0.010	mg/L	10	20-Jun-2023 05:31
Chloromethane	U		0.010	mg/L	10	20-Jun-2023 05:31
cis-1,2-Dichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:31
cis-1,3-Dichloropropene	U		0.010	mg/L	10	20-Jun-2023 05:31
Cyclohexane	U		0.010	mg/L	10	20-Jun-2023 05:31
Dibromochloromethane	U		0.010	mg/L	10	20-Jun-2023 05:31
Dichlorodifluoromethane	U		0.010	mg/L	10	20-Jun-2023 05:31
Ethylbenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
Isopropylbenzene	U		0.010	mg/L	10	20-Jun-2023 05:31
m,p-Xylene	U		0.020	mg/L	10	20-Jun-2023 05:31
Methyl acetate	U		0.010	mg/L	10	20-Jun-2023 05:31
Methyl tert-butyl ether	U		0.010	mg/L	10	20-Jun-2023 05:31
Methylcyclohexane	U		0.010	mg/L	10	20-Jun-2023 05:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-54-20230615
Collection Date: 15-Jun-2023 12:30

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-20
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.020	mg/L	10	20-Jun-2023 05:31
o-Xylene	U		0.010	mg/L	10	20-Jun-2023 05:31
Styrene	U		0.010	mg/L	10	20-Jun-2023 05:31
Tetrachloroethene	U		0.010	mg/L	10	20-Jun-2023 05:31
Toluene	U		0.010	mg/L	10	20-Jun-2023 05:31
trans-1,2-Dichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:31
trans-1,3-Dichloropropene	U		0.010	mg/L	10	20-Jun-2023 05:31
Trichloroethene	U		0.010	mg/L	10	20-Jun-2023 05:31
Trichlorofluoromethane	U		0.010	mg/L	10	20-Jun-2023 05:31
Vinyl chloride	U		0.010	mg/L	10	20-Jun-2023 05:31
Xylenes, Total	U		0.010	mg/L	10	20-Jun-2023 05:31
Surr: 1,2-Dichloroethane-d4	*101*		*70-126*	*%REC*	*10*	*20-Jun-2023 05:31*
Surr: 4-Bromofluorobenzene	*94.1*		*77-113*	*%REC*	*10*	*20-Jun-2023 05:31*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*10*	*20-Jun-2023 05:31*
Surr: Toluene-d8	*97.0*		*82-127*	*%REC*	*10*	*20-Jun-2023 05:31*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	**0.0373**		**0.00500**	**mg/L**	10	01-Jul-2023 04:36
Aroclor 1221	U		0.00500	mg/L	10	01-Jul-2023 04:36
Aroclor 1232	U		0.00500	mg/L	10	01-Jul-2023 04:36
Aroclor 1242	U		0.00500	mg/L	10	01-Jul-2023 04:36
Aroclor 1248	U		0.00500	mg/L	10	01-Jul-2023 04:36
Aroclor 1254	U		0.00500	mg/L	10	01-Jul-2023 04:36
Aroclor 1260	U		0.00500	mg/L	10	01-Jul-2023 04:36
PCBs (Total)	**0.0373**		**0.00500**	**mg/L**	10	01-Jul-2023 04:36
Surr: Decachlorobiphenyl	*279*	*S*	*54-140*	*%REC*	*10*	*01-Jul-2023 04:36*
Surr: Tetrachloro-m-xylene	*149*	*JS*	*53-137*	*%REC*	*10*	*01-Jul-2023 04:36*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	16-Jun-2023 16:13
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 16:13
Sulfate	**162**		**2.50**	**mg/L**	5	16-Jun-2023 17:46
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	16-Jun-2023 16:13
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**160**		**20.0**	**mg/L**	20	27-Jun-2023 18:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-13-20230615
Collection Date: 15-Jun-2023 12:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-21
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,1,2-Trichloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,1-Dichloroethane	**0.030**		**0.0010**	**mg/L**	1	20-Jun-2023 04:43
1,1-Dichloroethene	**0.034**		**0.0010**	**mg/L**	1	20-Jun-2023 04:43
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,2-Dibromoethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,2-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,2-Dichloroethane	**0.0037**		**0.0010**	**mg/L**	1	20-Jun-2023 04:43
1,2-Dichloropropane	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,3-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
1,4-Dichlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
2-Butanone	U		0.0020	mg/L	1	20-Jun-2023 04:43
2-Hexanone	U		0.0020	mg/L	1	20-Jun-2023 04:43
4-Methyl-2-pentanone	U		0.0020	mg/L	1	20-Jun-2023 04:43
Acetone	U		0.0020	mg/L	1	20-Jun-2023 04:43
Benzene	**0.0026**		**0.0010**	**mg/L**	1	20-Jun-2023 04:43
Bromodichloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Bromoform	U		0.0010	mg/L	1	20-Jun-2023 04:43
Bromomethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Carbon disulfide	U		0.0020	mg/L	1	20-Jun-2023 04:43
Carbon tetrachloride	U		0.0010	mg/L	1	20-Jun-2023 04:43
Chlorobenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Chloroethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Chloroform	U		0.0010	mg/L	1	20-Jun-2023 04:43
Chloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
cis-1,2-Dichloroethene	**0.0020**		**0.0010**	**mg/L**	1	20-Jun-2023 04:43
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Cyclohexane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Dibromochloromethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Dichlorodifluoromethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Ethylbenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Isopropylbenzene	U		0.0010	mg/L	1	20-Jun-2023 04:43
m,p-Xylene	U		0.0020	mg/L	1	20-Jun-2023 04:43
Methyl acetate	U		0.0010	mg/L	1	20-Jun-2023 04:43
Methyl tert-butyl ether	U		0.0010	mg/L	1	20-Jun-2023 04:43
Methylcyclohexane	U		0.0010	mg/L	1	20-Jun-2023 04:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-13-20230615
Collection Date: 15-Jun-2023 12:00

ANALYTICAL REPORT
WorkOrder:HS23061079
Lab ID:HS23061079-21
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	20-Jun-2023 04:43
o-Xylene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Styrene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Tetrachloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Toluene	U		0.0010	mg/L	1	20-Jun-2023 04:43
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:43
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Trichloroethene	U		0.0010	mg/L	1	20-Jun-2023 04:43
Trichlorofluoromethane	U		0.0010	mg/L	1	20-Jun-2023 04:43
Vinyl chloride	U		0.0010	mg/L	1	20-Jun-2023 04:43
Xylenes, Total	U		0.0010	mg/L	1	20-Jun-2023 04:43
Surr: 1,2-Dichloroethane-d4	*101*		*70-126*	*%REC*	*1*	*20-Jun-2023 04:43*
Surr: 4-Bromofluorobenzene	*93.5*		*77-113*	*%REC*	*1*	*20-Jun-2023 04:43*
Surr: Dibromofluoromethane	*99.7*		*77-123*	*%REC*	*1*	*20-Jun-2023 04:43*
Surr: Toluene-d8	*98.1*		*82-127*	*%REC*	*1*	*20-Jun-2023 04:43*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	22-Jun-2023 23:30
Aroclor 1221	U		0.000500	mg/L	1	22-Jun-2023 23:30
Aroclor 1232	U		0.000500	mg/L	1	22-Jun-2023 23:30
Aroclor 1242	U		0.000500	mg/L	1	22-Jun-2023 23:30
Aroclor 1248	U		0.000500	mg/L	1	22-Jun-2023 23:30
Aroclor 1254	U		0.000500	mg/L	1	22-Jun-2023 23:30
Aroclor 1260	U		0.000500	mg/L	1	22-Jun-2023 23:30
PCBs (Total)	U		0.000500	mg/L	1	22-Jun-2023 23:30
Surr: Decachlorobiphenyl	*120*		*54-140*	*%REC*	*1*	*22-Jun-2023 23:30*
Surr: Tetrachloro-m-xylene	*113*		*53-137*	*%REC*	*1*	*22-Jun-2023 23:30*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**0.154**		**0.100**	**mg/L**	1	16-Jun-2023 17:23
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	16-Jun-2023 17:23
Sulfate	**157**		**5.00**	**mg/L**	10	16-Jun-2023 18:32
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	16-Jun-2023 17:23
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**37.9**		**2.00**	**mg/L**	2	27-Jun-2023 19:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US

Date: 09-Jul-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

Batch ID: 196525 **Start Date:** 21 Jun 2023 12:05 **End Date:** 21 Jun 2023 12:05
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23061079-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-07	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-09	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-12	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-13	1	510 (mL)	10 (mL)	0.01961	1-liter amber glass, Neat
HS23061079-14	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-15	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-16	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-18	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-20	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061079-21	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 196525 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Groundwater	
HS23061079-02	6-40-20230615	15 Jun 2023 16:25		21 Jun 2023 12:05	22 Jun 2023 20:45	1
HS23061079-03	6-15-20230615	15 Jun 2023 15:15		21 Jun 2023 12:05	22 Jun 2023 20:58	1
HS23061079-07	6-09-20230615	15 Jun 2023 12:45		21 Jun 2023 12:05	01 Jul 2023 03:45	50
HS23061079-09	6-10-20230615	15 Jun 2023 15:15		21 Jun 2023 12:05	22 Jun 2023 21:23	1
HS23061079-12	6-14-20230615	15 Jun 2023 14:15		21 Jun 2023 12:05	22 Jun 2023 21:36	1
HS23061079-13	6-22B-20230615	15 Jun 2023 13:30		21 Jun 2023 12:05	22 Jun 2023 22:14	1
HS23061079-14	6-20C-20230615	15 Jun 2023 14:45		21 Jun 2023 12:05	22 Jun 2023 22:27	1
HS23061079-15	6-22C-20230615	15 Jun 2023 14:00		21 Jun 2023 12:05	07 Jul 2023 09:46	10
HS23061079-16	6-20B-20230615	15 Jun 2023 14:45		21 Jun 2023 12:05	22 Jun 2023 22:52	1
HS23061079-18	6-21B-20230615	15 Jun 2023 13:00		21 Jun 2023 12:05	22 Jun 2023 23:05	1
HS23061079-20	6-54-20230615	15 Jun 2023 12:30		21 Jun 2023 12:05	01 Jul 2023 04:36	10
HS23061079-21	6-13-20230615	15 Jun 2023 12:00		21 Jun 2023 12:05	22 Jun 2023 23:30	1
Batch ID: R438113 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Groundwater	
HS23061079-02	6-40-20230615	15 Jun 2023 16:25			16 Jun 2023 17:05	10
HS23061079-02	6-40-20230615	15 Jun 2023 16:25			16 Jun 2023 15:44	1
HS23061079-12	6-14-20230615	15 Jun 2023 14:15			16 Jun 2023 15:49	1
HS23061079-13	6-22B-20230615	15 Jun 2023 13:30			16 Jun 2023 17:29	20
HS23061079-13	6-22B-20230615	15 Jun 2023 13:30			16 Jun 2023 15:55	1
HS23061079-15	6-22C-20230615	15 Jun 2023 14:00			16 Jun 2023 16:01	1
HS23061079-18	6-21B-20230615	15 Jun 2023 13:00			16 Jun 2023 17:40	10
HS23061079-18	6-21B-20230615	15 Jun 2023 13:00			16 Jun 2023 16:07	1
HS23061079-19	6-21C-20230615	15 Jun 2023 13:15			16 Jun 2023 17:17	1
HS23061079-20	6-54-20230615	15 Jun 2023 12:30			16 Jun 2023 17:46	5
HS23061079-20	6-54-20230615	15 Jun 2023 12:30			16 Jun 2023 16:13	1
HS23061079-21	6-13-20230615	15 Jun 2023 12:00			16 Jun 2023 18:32	10
HS23061079-21	6-13-20230615	15 Jun 2023 12:00			16 Jun 2023 17:23	1
Batch ID: R439227 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23061079-02	6-40-20230615	15 Jun 2023 16:25			19 Jun 2023 18:00	1
HS23061079-03	6-15-20230615	15 Jun 2023 15:15			19 Jun 2023 18:21	1
HS23061079-04	6-08-20230615	15 Jun 2023 16:00			19 Jun 2023 18:43	1
HS23061079-05	6-19-20230615	15 Jun 2023 10:50			19 Jun 2023 19:04	1
HS23061079-06	DUP01-20230615	15 Jun 2023 00:00			19 Jun 2023 19:26	1
HS23061079-07	6-09-20230615	15 Jun 2023 12:45			19 Jun 2023 19:47	1

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R439304 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23061079-08	6-36-20230615	15 Jun 2023 11:10			20 Jun 2023 01:52	1
HS23061079-09	6-10-20230615	15 Jun 2023 15:15			20 Jun 2023 02:13	1
HS23061079-10	6-44-20230615	15 Jun 2023 11:30			20 Jun 2023 00:26	1
HS23061079-12	6-14-20230615	15 Jun 2023 14:15			20 Jun 2023 02:34	1
HS23061079-13	6-22B-20230615	15 Jun 2023 13:30			20 Jun 2023 02:56	1
HS23061079-14	6-20C-20230615	15 Jun 2023 14:45			20 Jun 2023 03:17	1
HS23061079-15	6-22C-20230615	15 Jun 2023 14:00			20 Jun 2023 03:39	1
HS23061079-16	6-20B-20230615	15 Jun 2023 14:45			20 Jun 2023 04:00	1
HS23061079-18	6-21B-20230615	15 Jun 2023 13:00			20 Jun 2023 04:22	1
HS23061079-19	6-21C-20230615	15 Jun 2023 13:15			20 Jun 2023 05:07	10
HS23061079-20	6-54-20230615	15 Jun 2023 12:30			20 Jun 2023 05:31	10
HS23061079-21	6-13-20230615	15 Jun 2023 12:00			20 Jun 2023 04:43	1
Batch ID: R439304 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23061079-01	12603647-TB01	15 Jun 2023 00:00			19 Jun 2023 23:22	1
HS23061079-11	12603647-TB02	15 Jun 2023 00:00			19 Jun 2023 23:43	1
HS23061079-17	12603647-TB03	15 Jun 2023 00:00			20 Jun 2023 00:04	1
Batch ID: R439434 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Groundwater	
HS23061079-02	6-40-20230615	15 Jun 2023 16:25			20 Jun 2023 13:36	1
HS23061079-13	6-22B-20230615	15 Jun 2023 13:30			20 Jun 2023 14:21	1
Batch ID: R440041 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Groundwater	
HS23061079-12	6-14-20230615	15 Jun 2023 14:15			27 Jun 2023 17:11	100
HS23061079-15	6-22C-20230615	15 Jun 2023 14:00			27 Jun 2023 17:27	20
HS23061079-18	6-21B-20230615	15 Jun 2023 13:00			27 Jun 2023 17:43	2
HS23061079-19	6-21C-20230615	15 Jun 2023 13:15			27 Jun 2023 18:00	100
HS23061079-20	6-54-20230615	15 Jun 2023 12:30			27 Jun 2023 18:16	20
HS23061079-21	6-13-20230615	15 Jun 2023 12:00			27 Jun 2023 19:04	2

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: 196525 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:07**
Client ID: Run ID: **ECD_7_440357** SeqNo: **7396409** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.2202*	*0.0500*	*0.2*	*0*	*110*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.2105*	*0.0500*	*0.2*	*0*	*105*	*53 - 137*				

MBLK Sample ID: **MBLK1-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 19:54**
Client ID: Run ID: **ECD_7_439754** SeqNo: **7382127** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.0500								
Aroclor 1221	U	0.0500								
Aroclor 1232	U	0.0500								
Aroclor 1242	U	0.0500								
Aroclor 1248	U	0.0500								
Aroclor 1254	U	0.0500								
Aroclor 1260	U	0.0500								
Surr: Decachlorobiphenyl	*0.02364*	*0.00500*	*0.02*	*0*	*118*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.02075*	*0.00500*	*0.02*	*0*	*104*	*53 - 137*				

LCS Sample ID: **LCS-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:19**
Client ID: Run ID: **ECD_7_440357** SeqNo: **7396410** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.645	0.500	5	0	92.9	54 - 138				
Aroclor 1260	4.798	0.500	5	0	96.0	57 - 136				
Surr: Decachlorobiphenyl	*0.2272*	*0.0500*	*0.2*	*0*	*114*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.2137*	*0.0500*	*0.2*	*0*	*107*	*53 - 137*				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: 196525 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

LCS Sample ID: **LCS-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:19**
Client ID: Run ID: **ECD_7_439754** SeqNo: **7382128** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.645	0.500	5	0	92.9	54 - 138				
Aroclor 1260	4.798	0.500	5	0	96.0	57 - 136				
Surr: Decachlorobiphenyl	*0.2272*	*0.0500*	*0.2*	*0*	*114*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.2137*	*0.0500*	*0.2*	*0*	*107*	*53 - 137*				

LCSD Sample ID: **LCSD-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:32**
Client ID: Run ID: **ECD_7_440357** SeqNo: **7396411** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.612	0.500	5	0	92.2	54 - 138	4.645	0.705	20	
Aroclor 1260	4.494	0.500	5	0	89.9	57 - 136	4.798	6.55	20	
Surr: Decachlorobiphenyl	*0.2722*	*0.0500*	*0.2*	*0*	*136*	*54 - 140*	*0.2272*	*18.1*	*20*	
Surr: Tetrachloro-m-xylene	*0.2048*	*0.0500*	*0.2*	*0*	*102*	*53 - 137*	*0.2137*	*4.28*	*20*	

LCSD Sample ID: **LCSD-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:32**
Client ID: Run ID: **ECD_7_439754** SeqNo: **7382129** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.612	0.500	5	0	92.2	54 - 138	4.645	0.705	20	
Aroclor 1260	4.494	0.500	5	0	89.9	57 - 136	4.798	6.55	20	
Surr: Decachlorobiphenyl	*0.2722*	*0.0500*	*0.2*	*0*	*136*	*54 - 140*	*0.2272*	*18.1*	*20*	
Surr: Tetrachloro-m-xylene	*0.2048*	*0.0500*	*0.2*	*0*	*102*	*53 - 137*	*0.2137*	*4.28*	*20*	

The following samples were analyzed in this batch:

HS23061079-02	HS23061079-03	HS23061079-07	HS23061079-09
HS23061079-12	HS23061079-13	HS23061079-14	HS23061079-15
HS23061079-16	HS23061079-18	HS23061079-20	HS23061079-21

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 10:55**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370098** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	U	1.0							
1,1,2,2-Tetrachloroethane	U	1.0							
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0							
1,1,2-Trichloroethane	U	1.0							
1,1-Dichloroethane	U	1.0							
1,1-Dichloroethene	U	1.0							
1,2,4-Trichlorobenzene	U	1.0							
1,2-Dibromo-3-chloropropane	U	1.0							
1,2-Dibromoethane	U	1.0							
1,2-Dichlorobenzene	U	1.0							
1,2-Dichloroethane	U	1.0							
1,2-Dichloropropane	U	1.0							
1,3-Dichlorobenzene	U	1.0							
1,4-Dichlorobenzene	U	1.0							
2-Butanone	U	2.0							
2-Hexanone	U	2.0							
4-Methyl-2-pentanone	U	2.0							
Acetone	U	2.0							
Benzene	U	1.0							
Bromodichloromethane	U	1.0							
Bromoform	U	1.0							
Bromomethane	U	1.0							
Carbon disulfide	U	2.0							
Carbon tetrachloride	U	1.0							
Chlorobenzene	U	1.0							
Chloroethane	U	1.0							
Chloroform	U	1.0							
Chloromethane	U	1.0							
cis-1,2-Dichloroethene	U	1.0							
cis-1,3-Dichloropropene	U	1.0							
Cyclohexane	U	1.0							
Dibromochloromethane	U	1.0							
Dichlorodifluoromethane	U	1.0							
Ethylbenzene	U	1.0							

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 10:55**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370098** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	1.0							
Surr: 1,2-Dichloroethane-d4	*49.46*	*1.0*	*50*	*0*	*98.9*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*46.77*	*1.0*	*50*	*0*	*93.5*	*77 - 113*			
Surr: Dibromofluoromethane	*49.08*	*1.0*	*50*	*0*	*98.2*	*73 - 126*			
Surr: Toluene-d8	*49.29*	*1.0*	*50*	*0*	*98.6*	*81 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 10:12**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370096** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.4	1.0	20	0	87.0	70 - 130				
1,1,2,2-Tetrachloroethane	19.64	1.0	20	0	98.2	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	20.1	1.0	20	0	101	70 - 130				
1,1,2-Trichloroethane	18.5	1.0	20	0	92.5	77 - 113				
1,1-Dichloroethane	18.07	1.0	20	0	90.3	71 - 122				
1,1-Dichloroethene	19.14	1.0	20	0	95.7	70 - 130				
1,2,4-Trichlorobenzene	19.72	1.0	20	0	98.6	77 - 126				
1,2-Dibromo-3-chloropropane	19.41	1.0	20	0	97.0	70 - 130				
1,2-Dibromoethane	18.62	1.0	20	0	93.1	76 - 123				
1,2-Dichlorobenzene	18.86	1.0	20	0	94.3	77 - 113				
1,2-Dichloroethane	18.86	1.0	20	0	94.3	70 - 124				
1,2-Dichloropropane	18.34	1.0	20	0	91.7	72 - 119				
1,3-Dichlorobenzene	18.44	1.0	20	0	92.2	78 - 118				
1,4-Dichlorobenzene	18.5	1.0	20	0	92.5	79 - 113				
2-Butanone	37.98	2.0	40	0	95.0	70 - 130				
2-Hexanone	36.09	2.0	40	0	90.2	70 - 130				
4-Methyl-2-pentanone	35.27	2.0	40	0	88.2	70 - 130				
Acetone	38.06	2.0	40	0	95.1	70 - 130				
Benzene	17.89	1.0	20	0	89.5	74 - 120				
Bromodichloromethane	17.67	1.0	20	0	88.4	74 - 122				
Bromoform	16.71	1.0	20	0	83.5	73 - 128				
Bromomethane	21.73	1.0	20	0	109	70 - 130				
Carbon disulfide	34.43	2.0	40	0	86.1	70 - 130				
Carbon tetrachloride	17.9	1.0	20	0	89.5	71 - 125				
Chlorobenzene	18.18	1.0	20	0	90.9	76 - 113				
Chloroethane	19.58	1.0	20	0	97.9	70 - 130				
Chloroform	17.9	1.0	20	0	89.5	71 - 121				
Chloromethane	17.44	1.0	20	0	87.2	70 - 129				
cis-1,2-Dichloroethene	19.33	1.0	20	0	96.6	75 - 122				
cis-1,3-Dichloropropene	18.04	1.0	20	0	90.2	73 - 127				
Cyclohexane	20.06	1.0	20	0	100	70 - 130				
Dibromochloromethane	17.82	1.0	20	0	89.1	77 - 122				
Dichlorodifluoromethane	20.35	1.0	20	0	102	70 - 130				
Ethylbenzene	18.39	1.0	20	0	92.0	77 - 117				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 10:12**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370096** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	18.44	1.0	20	0	92.2	73 - 127				
m,p-Xylene	36.39	2.0	40	0	91.0	77 - 122				
Methyl acetate	16.39	1.0	20	0	81.9	76 - 122				
Methyl tert-butyl ether	18.11	1.0	20	0	90.6	70 - 130				
Methylcyclohexane	19.44	1.0	20	0	97.2	61 - 157				
Methylene chloride	19.82	2.0	20	0	99.1	70 - 127				
o-Xylene	18.05	1.0	20	0	90.3	75 - 119				
Styrene	17.95	1.0	20	0	89.8	72 - 126				
Tetrachloroethene	19.09	1.0	20	0	95.5	76 - 119				
Toluene	17.85	1.0	20	0	89.3	77 - 118				
trans-1,2-Dichloroethene	17.45	1.0	20	0	87.3	72 - 127				
trans-1,3-Dichloropropene	17.68	1.0	20	0	88.4	77 - 119				
Trichloroethene	19.41	1.0	20	0	97.1	77 - 121				
Trichlorofluoromethane	20.86	1.0	20	0	104	70 - 130				
Vinyl chloride	17.79	1.0	20	0	89.0	70 - 130				
Xylenes, Total	54.44	1.0	60	0	90.7	75 - 122				
Surr: 1,2-Dichloroethane-d4	*50.42*	*1.0*	*50*	*0*	*101*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.25*	*1.0*	*50*	*0*	*98.5*	*77 - 113*				
Surr: Dibromofluoromethane	*49.8*	*1.0*	*50*	*0*	*99.6*	*73 - 126*				
Surr: Toluene-d8	*49.04*	*1.0*	*50*	*0*	*98.1*	*81 - 120*				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23060964-02MS** Units: **ug/L** Analysis Date: **19-Jun-2023 12:39**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370101** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	17.06	1.0	20	0	85.3	70 - 130			
1,1,2,2-Tetrachloroethane	17.39	1.0	20	0	87.0	70 - 123			
1,1,2-Trichlor-1,2,2-trifluoroethane	21.37	1.0	20	0	107	70 - 130			
1,1,2-Trichloroethane	16.47	1.0	20	0	82.4	70 - 117			
1,1-Dichloroethane	17.06	1.0	20	0	85.3	70 - 127			
1,1-Dichloroethene	16.62	1.0	20	0	83.1	70 - 130			
1,2,4-Trichlorobenzene	17.43	1.0	20	0	87.2	70 - 125			
1,2-Dibromo-3-chloropropane	18.67	1.0	20	0	93.4	70 - 130			
1,2-Dibromoethane	16.69	1.0	20	0	83.5	70 - 124			
1,2-Dichlorobenzene	17.89	1.0	20	0	89.5	70 - 115			
1,2-Dichloroethane	17.29	1.0	20	0	86.4	70 - 127			
1,2-Dichloropropane	16.75	1.0	20	0	83.8	70 - 122			
1,3-Dichlorobenzene	17.66	1.0	20	0	88.3	70 - 119			
1,4-Dichlorobenzene	17.49	1.0	20	0	87.4	70 - 114			
2-Butanone	30.16	2.0	40	0	75.4	70 - 130			
2-Hexanone	28.93	2.0	40	0	72.3	70 - 130			
4-Methyl-2-pentanone	29.48	2.0	40	0	73.7	70 - 130			
Acetone	30.39	2.0	40	0	76.0	70 - 130			
Benzene	17.11	1.0	20	0	85.6	70 - 127			
Bromodichloromethane	16.12	1.0	20	0	80.6	70 - 124			
Bromoform	14.44	1.0	20	0	72.2	70 - 129			
Bromomethane	19.45	1.0	20	0	97.2	70 - 130			
Carbon disulfide	34.06	2.0	40	0	85.2	70 - 130			
Carbon tetrachloride	18.71	1.0	20	0	93.6	70 - 130			
Chlorobenzene	17.67	1.0	20	0	88.4	70 - 114			
Chloroethane	18.65	1.0	20	0	93.3	70 - 130			
Chloroform	17.27	1.0	20	0	86.3	70 - 125			
Chloromethane	15.5	1.0	20	0	77.5	70 - 130			
cis-1,2-Dichloroethene	17.78	1.0	20	0	88.9	70 - 128			
cis-1,3-Dichloropropene	16.02	1.0	20	0	80.1	70 - 125			
Cyclohexane	20.31	1.0	20	0	102	70 - 130			
Dibromochloromethane	16.04	1.0	20	0	80.2	70 - 124			
Dichlorodifluoromethane	17.63	1.0	20	0	88.1	70 - 130			
Ethylbenzene	17.75	1.0	20	0	88.7	70 - 124			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23060964-02MS** Units: **ug/L** Analysis Date: **19-Jun-2023 12:39**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370101** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	18.17	1.0	20	0	90.8	70 - 130				
m,p-Xylene	35.43	2.0	40	0	88.6	70 - 130				
Methyl acetate	13.14	1.0	20	0	65.7	76 - 122				S
Methyl tert-butyl ether	15.47	1.0	20	0	77.3	70 - 130				
Methylcyclohexane	19.4	1.0	20	0	97.0	61 - 158				
Methylene chloride	18.04	2.0	20	0	90.2	70 - 128				
o-Xylene	17.21	1.0	20	0	86.0	70 - 124				
Styrene	16.87	1.0	20	0	84.4	70 - 130				
Tetrachloroethene	19.46	1.0	20	0	97.3	70 - 130				
Toluene	17.42	1.0	20	0	87.1	70 - 123				
trans-1,2-Dichloroethene	16.49	1.0	20	0	82.4	70 - 130				
trans-1,3-Dichloropropene	15.35	1.0	20	0	76.8	70 - 121				
Trichloroethene	18.65	1.0	20	0	93.3	70 - 129				
Trichlorofluoromethane	21	1.0	20	0	105	70 - 130				
Vinyl chloride	17.78	1.0	20	0	88.9	70 - 130				
Xylenes, Total	52.64	1.0	60	0	87.7	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.11*	*1.0*	*50*	*0*	*100*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*48.06*	*1.0*	*50*	*0*	*96.1*	*77 - 113*				
Surr: Dibromofluoromethane	*49.63*	*1.0*	*50*	*0*	*99.3*	*77 - 123*				
Surr: Toluene-d8	*49.5*	*1.0*	*50*	*0*	*99.0*	*82 - 127*				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23060964-02MSD** Units: **ug/L** Analysis Date: **19-Jun-2023 13:00**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370102** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.13	1.0	20	0	85.7	70 - 130	17.06	0.408	20	
1,1,2,2-Tetrachloroethane	17.77	1.0	20	0	88.9	70 - 123	17.39	2.15	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	20.69	1.0	20	0	103	70 - 130	21.37	3.23	20	
1,1,2-Trichloroethane	17.04	1.0	20	0	85.2	70 - 117	16.47	3.39	20	
1,1-Dichloroethane	17.31	1.0	20	0	86.6	70 - 127	17.06	1.44	20	
1,1-Dichloroethene	18.9	1.0	20	0	94.5	70 - 130	16.62	12.8	20	
1,2,4-Trichlorobenzene	18.66	1.0	20	0	93.3	70 - 125	17.43	6.81	20	
1,2-Dibromo-3-chloropropane	19.06	1.0	20	0	95.3	70 - 130	18.67	2.06	20	
1,2-Dibromoethane	17.32	1.0	20	0	86.6	70 - 124	16.69	3.71	20	
1,2-Dichlorobenzene	18.29	1.0	20	0	91.4	70 - 115	17.89	2.18	20	
1,2-Dichloroethane	17.39	1.0	20	0	87.0	70 - 127	17.29	0.614	20	
1,2-Dichloropropane	16.98	1.0	20	0	84.9	70 - 122	16.75	1.38	20	
1,3-Dichlorobenzene	18.1	1.0	20	0	90.5	70 - 119	17.66	2.48	20	
1,4-Dichlorobenzene	17.93	1.0	20	0	89.7	70 - 114	17.49	2.5	20	
2-Butanone	33.29	2.0	40	0	83.2	70 - 130	30.16	9.86	20	
2-Hexanone	30.63	2.0	40	0	76.6	70 - 130	28.93	5.7	20	
4-Methyl-2-pentanone	30.81	2.0	40	0	77.0	70 - 130	29.48	4.41	20	
Acetone	31.54	2.0	40	0	78.9	70 - 130	30.39	3.73	20	
Benzene	17.36	1.0	20	0	86.8	70 - 127	17.11	1.41	20	
Bromodichloromethane	16.86	1.0	20	0	84.3	70 - 124	16.12	4.51	20	
Bromoform	15.06	1.0	20	0	75.3	70 - 129	14.44	4.24	20	
Bromomethane	19.89	1.0	20	0	99.4	70 - 130	19.45	2.23	20	
Carbon disulfide	33.96	2.0	40	0	84.9	70 - 130	34.06	0.315	20	
Carbon tetrachloride	18.93	1.0	20	0	94.7	70 - 130	18.71	1.17	20	
Chlorobenzene	17.9	1.0	20	0	89.5	70 - 114	17.67	1.28	20	
Chloroethane	18.42	1.0	20	0	92.1	70 - 130	18.65	1.25	20	
Chloroform	17.48	1.0	20	0	87.4	70 - 125	17.27	1.24	20	
Chloromethane	16.11	1.0	20	0	80.5	70 - 130	15.5	3.8	20	
cis-1,2-Dichloroethene	18.02	1.0	20	0	90.1	70 - 128	17.78	1.34	20	
cis-1,3-Dichloropropene	16.41	1.0	20	0	82.0	70 - 125	16.02	2.38	20	
Cyclohexane	19.96	1.0	20	0	99.8	70 - 130	20.31	1.72	20	
Dibromochloromethane	16.44	1.0	20	0	82.2	70 - 124	16.04	2.5	20	
Dichlorodifluoromethane	17.42	1.0	20	0	87.1	70 - 130	17.63	1.18	20	
Ethylbenzene	17.85	1.0	20	0	89.2	70 - 124	17.75	0.566	20	

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439227 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23060964-02MSD** Units: **ug/L** Analysis Date: **19-Jun-2023 13:00**
Client ID: Run ID: **VOA7_439227** SeqNo: **7370102** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	18.24	1.0	20	0	91.2	70 - 130	18.17	0.39	20	
m,p-Xylene	35.68	2.0	40	0	89.2	70 - 130	35.43	0.704	20	
Methyl acetate	13.84	1.0	20	0	69.2	76 - 122	13.14	5.15	20	S
Methyl tert-butyl ether	16.06	1.0	20	0	80.3	70 - 130	15.47	3.76	20	
Methylcyclohexane	19.27	1.0	20	0	96.4	61 - 158	19.4	0.639	20	
Methylene chloride	18	2.0	20	0	90.0	70 - 128	18.04	0.243	20	
o-Xylene	17.55	1.0	20	0	87.8	70 - 124	17.21	1.97	20	
Styrene	17.17	1.0	20	0	85.9	70 - 130	16.87	1.76	20	
Tetrachloroethene	19.88	1.0	20	0	99.4	70 - 130	19.46	2.09	20	
Toluene	17.42	1.0	20	0	87.1	70 - 123	17.42	0.00396	20	
trans-1,2-Dichloroethene	17.05	1.0	20	0	85.3	70 - 130	16.49	3.38	20	
trans-1,3-Dichloropropene	15.69	1.0	20	0	78.5	70 - 121	15.35	2.19	20	
Trichloroethene	19.08	1.0	20	0	95.4	70 - 129	18.65	2.25	20	
Trichlorofluoromethane	21.35	1.0	20	0	107	70 - 130	21	1.64	20	
Vinyl chloride	17.45	1.0	20	0	87.2	70 - 130	17.78	1.9	20	
Xylenes, Total	53.24	1.0	60	0	88.7	70 - 130	52.64	1.12	20	
Surr: 1,2-Dichloroethane-d4	*50.22*	*1.0*	*50*	*0*	*100*	*70 - 126*	*50.11*	*0.233*	*20*	
Surr: 4-Bromofluorobenzene	*48.29*	*1.0*	*50*	*0*	*96.6*	*77 - 113*	*48.06*	*0.474*	*20*	
Surr: Dibromofluoromethane	*49.59*	*1.0*	*50*	*0*	*99.2*	*77 - 123*	*49.63*	*0.0923*	*20*	
Surr: Toluene-d8	*49.66*	*1.0*	*50*	*0*	*99.3*	*82 - 127*	*49.5*	*0.317*	*20*	

The following samples were analyzed in this batch: HS23061079-02 HS23061079-03 HS23061079-04 HS23061079-05 HS23061079-06 HS23061079-07

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 22:39**
Client ID: Run ID: **VOA7_439304** SeqNo: **7371829** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 22:39**
Client ID: Run ID: **VOA7_439304** SeqNo: **7371829** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	1.0								
Surr: 1,2-Dichloroethane-d4	*48.42*	*1.0*	*50*	*0*	*96.8*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*46.67*	*1.0*	*50*	*0*	*93.3*	*77 - 113*				
Surr: Dibromofluoromethane	*47.93*	*1.0*	*50*	*0*	*95.9*	*73 - 126*				
Surr: Toluene-d8	*49.85*	*1.0*	*50*	*0*	*99.7*	*81 - 120*				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 21:56**
Client ID: Run ID: **VOA7_439304** SeqNo: **7371827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.57	1.0	20	0	82.9	70 - 130				
1,1,2,2-Tetrachloroethane	19.03	1.0	20	0	95.2	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	20.07	1.0	20	0	100	70 - 130				
1,1,2-Trichloroethane	17.93	1.0	20	0	89.6	77 - 113				
1,1-Dichloroethane	17.31	1.0	20	0	86.6	71 - 122				
1,1-Dichloroethene	18.3	1.0	20	0	91.5	70 - 130				
1,2,4-Trichlorobenzene	16.88	1.0	20	0	84.4	77 - 126				
1,2-Dibromo-3-chloropropane	17.93	1.0	20	0	89.6	70 - 130				
1,2-Dibromoethane	18.56	1.0	20	0	92.8	76 - 123				
1,2-Dichlorobenzene	18.56	1.0	20	0	92.8	77 - 113				
1,2-Dichloroethane	17.98	1.0	20	0	89.9	70 - 124				
1,2-Dichloropropane	17.27	1.0	20	0	86.3	72 - 119				
1,3-Dichlorobenzene	18.07	1.0	20	0	90.4	78 - 118				
1,4-Dichlorobenzene	18.03	1.0	20	0	90.2	79 - 113				
2-Butanone	36.18	2.0	40	0	90.4	70 - 130				
2-Hexanone	35.63	2.0	40	0	89.1	70 - 130				
4-Methyl-2-pentanone	35	2.0	40	0	87.5	70 - 130				
Acetone	41.5	2.0	40	0	104	70 - 130				
Benzene	17.29	1.0	20	0	86.4	74 - 120				
Bromodichloromethane	16.6	1.0	20	0	83.0	74 - 122				
Bromoform	16.18	1.0	20	0	80.9	73 - 128				
Bromomethane	21.36	1.0	20	0	107	70 - 130				
Carbon disulfide	32.17	2.0	40	0	80.4	70 - 130				
Carbon tetrachloride	17.99	1.0	20	0	90.0	71 - 125				
Chlorobenzene	17.96	1.0	20	0	89.8	76 - 113				
Chloroethane	18.48	1.0	20	0	92.4	70 - 130				
Chloroform	17.22	1.0	20	0	86.1	71 - 121				
Chloromethane	16.04	1.0	20	0	80.2	70 - 129				
cis-1,2-Dichloroethene	18.42	1.0	20	0	92.1	75 - 122				
cis-1,3-Dichloropropene	16.5	1.0	20	0	82.5	73 - 127				
Cyclohexane	19.25	1.0	20	0	96.2	70 - 130				
Dibromochloromethane	17.24	1.0	20	0	86.2	77 - 122				
Dichlorodifluoromethane	19.7	1.0	20	0	98.5	70 - 130				
Ethylbenzene	17.86	1.0	20	0	89.3	77 - 117				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230619** Units: **ug/L** Analysis Date: **19-Jun-2023 21:56**
Client ID: Run ID: **VOA7_439304** SeqNo: **7371827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	18.04	1.0	20	0	90.2	73 - 127				
m,p-Xylene	35.15	2.0	40	0	87.9	77 - 122				
Methyl acetate	17.12	1.0	20	0	85.6	76 - 122				
Methyl tert-butyl ether	16.71	1.0	20	0	83.5	70 - 130				
Methylcyclohexane	18.48	1.0	20	0	92.4	61 - 157				
Methylene chloride	18.49	2.0	20	0	92.5	70 - 127				
o-Xylene	17.63	1.0	20	0	88.1	75 - 119				
Styrene	17.39	1.0	20	0	86.9	72 - 126				
Tetrachloroethene	18.85	1.0	20	0	94.2	76 - 119				
Toluene	17.36	1.0	20	0	86.8	77 - 118				
trans-1,2-Dichloroethene	16.55	1.0	20	0	82.8	72 - 127				
trans-1,3-Dichloropropene	16.17	1.0	20	0	80.8	77 - 119				
Trichloroethene	18.54	1.0	20	0	92.7	77 - 121				
Trichlorofluoromethane	20.34	1.0	20	0	102	70 - 130				
Vinyl chloride	17.31	1.0	20	0	86.5	70 - 130				
Xylenes, Total	52.77	1.0	60	0	88.0	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.75*	*1.0*	*50*	*0*	*99.5*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*47.94*	*1.0*	*50*	*0*	*95.9*	*77 - 113*				
Surr: Dibromofluoromethane	*49.23*	*1.0*	*50*	*0*	*98.5*	*73 - 126*				
Surr: Toluene-d8	*49.38*	*1.0*	*50*	*0*	*98.8*	*81 - 120*				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061079-10MS** Units: **ug/L** Analysis Date: **20-Jun-2023 00:47**
Client ID: **6-44-20230615** Run ID: **VOA7_439304** SeqNo: **7371835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.54	1.0	20	0	87.7	70 - 130				
1,1,2,2-Tetrachloroethane	17.82	1.0	20	0	89.1	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	20.92	1.0	20	0	105	70 - 130				
1,1,2-Trichloroethane	17.14	1.0	20	0	85.7	70 - 117				
1,1-Dichloroethane	20.96	1.0	20	3.179	88.9	70 - 127				
1,1-Dichloroethene	23.65	1.0	20	4.317	96.7	70 - 130				
1,2,4-Trichlorobenzene	16.78	1.0	20	0	83.9	70 - 125				
1,2-Dibromo-3-chloropropane	17.79	1.0	20	0	89.0	70 - 130				
1,2-Dibromoethane	17.22	1.0	20	0	86.1	70 - 124				
1,2-Dichlorobenzene	17.99	1.0	20	0	90.0	70 - 115				
1,2-Dichloroethane	18.86	1.0	20	1.037	89.1	70 - 127				
1,2-Dichloropropane	17.12	1.0	20	0	85.6	70 - 122				
1,3-Dichlorobenzene	17.73	1.0	20	0	88.7	70 - 119				
1,4-Dichlorobenzene	17.57	1.0	20	0	87.8	70 - 114				
2-Butanone	33.95	2.0	40	0	84.9	70 - 130				
2-Hexanone	32.39	2.0	40	0	81.0	70 - 130				
4-Methyl-2-pentanone	32.43	2.0	40	0	81.1	70 - 130				
Acetone	33.25	2.0	40	0	83.1	70 - 130				
Benzene	17.33	1.0	20	0	86.7	70 - 127				
Bromodichloromethane	16.74	1.0	20	0	83.7	70 - 124				
Bromoform	15.17	1.0	20	0	75.8	70 - 129				
Bromomethane	21.02	1.0	20	0	105	70 - 130				
Carbon disulfide	34.51	2.0	40	0	86.3	70 - 130				
Carbon tetrachloride	19.12	1.0	20	0	95.6	70 - 130				
Chlorobenzene	17.84	1.0	20	0	89.2	70 - 114				
Chloroethane	19.19	1.0	20	0	96.0	70 - 130				
Chloroform	17.71	1.0	20	0	88.6	70 - 125				
Chloromethane	16.2	1.0	20	0	81.0	70 - 130				
cis-1,2-Dichloroethene	18.72	1.0	20	0	93.6	70 - 128				
cis-1,3-Dichloropropene	15.92	1.0	20	0	79.6	70 - 125				
Cyclohexane	20.14	1.0	20	0	101	70 - 130				
Dibromochloromethane	16.65	1.0	20	0	83.3	70 - 124				
Dichlorodifluoromethane	20.77	1.0	20	0	104	70 - 130				
Ethylbenzene	17.98	1.0	20	0	89.9	70 - 124				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061079-10MS** Units: **ug/L** Analysis Date: **20-Jun-2023 00:47**
Client ID: **6-44-20230615** Run ID: **VOA7_439304** SeqNo: **7371835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	18.28	1.0	20	0	91.4	70 - 130				
m,p-Xylene	35.71	2.0	40	0	89.3	70 - 130				
Methyl acetate	13.34	1.0	20	0	66.7	76 - 122				S
Methyl tert-butyl ether	16.07	1.0	20	0	80.3	70 - 130				
Methylcyclohexane	19.29	1.0	20	0	96.4	61 - 158				
Methylene chloride	18.28	2.0	20	0	91.4	70 - 128				
o-Xylene	17.43	1.0	20	0	87.2	70 - 124				
Styrene	17.06	1.0	20	0	85.3	70 - 130				
Tetrachloroethene	19.55	1.0	20	0	97.8	70 - 130				
Toluene	17.7	1.0	20	0	88.5	70 - 123				
trans-1,2-Dichloroethene	17.31	1.0	20	0	86.5	70 - 130				
trans-1,3-Dichloropropene	15.31	1.0	20	0	76.6	70 - 121				
Trichloroethene	19.05	1.0	20	0	95.3	70 - 129				
Trichlorofluoromethane	21.27	1.0	20	0	106	70 - 130				
Vinyl chloride	18.22	1.0	20	0	91.1	70 - 130				
Xylenes, Total	53.14	1.0	60	0	88.6	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.16*	*1.0*	*50*	*0*	*100*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*49.25*	*1.0*	*50*	*0*	*98.5*	*77 - 113*				
Surr: Dibromofluoromethane	*50.26*	*1.0*	*50*	*0*	*101*	*77 - 123*				
Surr: Toluene-d8	*49.55*	*1.0*	*50*	*0*	*99.1*	*82 - 127*				

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061079-10MSD** Units: **ug/L** Analysis Date: **20-Jun-2023 01:09**
Client ID: **6-44-20230615** Run ID: **VOA7_439304** SeqNo: **7371836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.87	1.0	20	0	84.4	70 - 130	17.54	3.9	20	
1,1,2,2-Tetrachloroethane	18.19	1.0	20	0	90.9	70 - 123	17.82	2.07	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	19.98	1.0	20	0	99.9	70 - 130	20.92	4.63	20	
1,1,2-Trichloroethane	17.22	1.0	20	0	86.1	70 - 117	17.14	0.448	20	
1,1-Dichloroethane	19.93	1.0	20	3.179	83.7	70 - 127	20.96	5.05	20	
1,1-Dichloroethene	21.71	1.0	20	4.317	87.0	70 - 130	23.65	8.54	20	
1,2,4-Trichlorobenzene	16.72	1.0	20	0	83.6	70 - 125	16.78	0.346	20	
1,2-Dibromo-3-chloropropane	17.73	1.0	20	0	88.6	70 - 130	17.79	0.377	20	
1,2-Dibromoethane	17.17	1.0	20	0	85.8	70 - 124	17.22	0.285	20	
1,2-Dichlorobenzene	17.77	1.0	20	0	88.8	70 - 115	17.99	1.25	20	
1,2-Dichloroethane	18.61	1.0	20	1.037	87.8	70 - 127	18.86	1.34	20	
1,2-Dichloropropane	16.57	1.0	20	0	82.9	70 - 122	17.12	3.24	20	
1,3-Dichlorobenzene	17.4	1.0	20	0	87.0	70 - 119	17.73	1.87	20	
1,4-Dichlorobenzene	17.4	1.0	20	0	87.0	70 - 114	17.57	0.938	20	
2-Butanone	33.56	2.0	40	0	83.9	70 - 130	33.95	1.16	20	
2-Hexanone	33.1	2.0	40	0	82.8	70 - 130	32.39	2.18	20	
4-Methyl-2-pentanone	32.56	2.0	40	0	81.4	70 - 130	32.43	0.41	20	
Acetone	33.47	2.0	40	0	83.7	70 - 130	33.25	0.661	20	
Benzene	16.73	1.0	20	0	83.7	70 - 127	17.33	3.54	20	
Bromodichloromethane	16.27	1.0	20	0	81.3	70 - 124	16.74	2.83	20	
Bromoform	15.09	1.0	20	0	75.5	70 - 129	15.17	0.497	20	
Bromomethane	18.75	1.0	20	0	93.7	70 - 130	21.02	11.4	20	
Carbon disulfide	32.48	2.0	40	0	81.2	70 - 130	34.51	6.07	20	
Carbon tetrachloride	18.12	1.0	20	0	90.6	70 - 130	19.12	5.35	20	
Chlorobenzene	17.45	1.0	20	0	87.2	70 - 114	17.84	2.24	20	
Chloroethane	17.85	1.0	20	0	89.3	70 - 130	19.19	7.23	20	
Chloroform	16.94	1.0	20	0	84.7	70 - 125	17.71	4.46	20	
Chloromethane	15.32	1.0	20	0	76.6	70 - 130	16.2	5.57	20	
cis-1,2-Dichloroethene	17.75	1.0	20	0	88.8	70 - 128	18.72	5.31	20	
cis-1,3-Dichloropropene	15.66	1.0	20	0	78.3	70 - 125	15.92	1.67	20	
Cyclohexane	19.32	1.0	20	0	96.6	70 - 130	20.14	4.19	20	
Dibromochloromethane	16.4	1.0	20	0	82.0	70 - 124	16.65	1.51	20	
Dichlorodifluoromethane	18.87	1.0	20	0	94.4	70 - 130	20.77	9.57	20	
Ethylbenzene	17.36	1.0	20	0	86.8	70 - 124	17.98	3.48	20	

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439304 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061079-10MSD** Units: **ug/L** Analysis Date: **20-Jun-2023 01:09**
Client ID: **6-44-20230615** Run ID: **VOA7_439304** SeqNo: **7371836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	17.75	1.0	20	0	88.7	70 - 130	18.28	2.97	20	
m,p-Xylene	34.3	2.0	40	0	85.8	70 - 130	35.71	4.01	20	
Methyl acetate	15.09	1.0	20	0	75.5	76 - 122	13.34	12.4	20	S
Methyl tert-butyl ether	15.77	1.0	20	0	78.8	70 - 130	16.07	1.87	20	
Methylcyclohexane	18.19	1.0	20	0	90.9	61 - 158	19.29	5.87	20	
Methylene chloride	17.58	2.0	20	0	87.9	70 - 128	18.28	3.91	20	
o-Xylene	17.12	1.0	20	0	85.6	70 - 124	17.43	1.8	20	
Styrene	16.68	1.0	20	0	83.4	70 - 130	17.06	2.25	20	
Tetrachloroethene	18.67	1.0	20	0	93.4	70 - 130	19.55	4.61	20	
Toluene	16.95	1.0	20	0	84.8	70 - 123	17.7	4.34	20	
trans-1,2-Dichloroethene	16.12	1.0	20	0	80.6	70 - 130	17.31	7.13	20	
trans-1,3-Dichloropropene	15.44	1.0	20	0	77.2	70 - 121	15.31	0.856	20	
Trichloroethene	18.4	1.0	20	0	92.0	70 - 129	19.05	3.48	20	
Trichlorofluoromethane	20.61	1.0	20	0	103	70 - 130	21.27	3.18	20	
Vinyl chloride	16.41	1.0	20	0	82.1	70 - 130	18.22	10.4	20	
Xylenes, Total	51.43	1.0	60	0	85.7	70 - 130	53.14	3.28	20	
Surr: 1,2-Dichloroethane-d4	*49.59*	*1.0*	*50*	*0*	*99.2*	*70 - 126*	*50.16*	*1.14*	*20*	
Surr: 4-Bromofluorobenzene	*47.76*	*1.0*	*50*	*0*	*95.5*	*77 - 113*	*49.25*	*3.08*	*20*	
Surr: Dibromofluoromethane	*49.39*	*1.0*	*50*	*0*	*98.8*	*77 - 123*	*50.26*	*1.73*	*20*	
Surr: Toluene-d8	*48.92*	*1.0*	*50*	*0*	*97.8*	*82 - 127*	*49.55*	*1.3*	*20*	

The following samples were analyzed in this batch:

HS23061079-01	HS23061079-08	HS23061079-09	HS23061079-10
HS23061079-11	HS23061079-12	HS23061079-13	HS23061079-14
HS23061079-15	HS23061079-16	HS23061079-17	HS23061079-18
HS23061079-19	HS23061079-20	HS23061079-21	

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R438113 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **16-Jun-2023 15:26**
Client ID: Run ID: **ICS-Integrion_438113** SeqNo: **7367113** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	U	0.100								
Nitrogen, Nitrite (As N)	U	0.100								
Nitrate/Nitrite (as N)	U	0.200								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **16-Jun-2023 15:38**
Client ID: Run ID: **ICS-Integrion_438113** SeqNo: **7367114** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.029	0.100	4	0	101	90 - 110				
Nitrogen, Nitrite (As N)	4.085	0.100	4	0	102	90 - 110				
Nitrate/Nitrite (as N)	8.114	0.200	8	0	101	90 - 110				
Sulfate	20.37	0.500	20	0	102	90 - 110				

MS Sample ID: **HS23061079-02MS** Units: **mg/L** Analysis Date: **16-Jun-2023 16:54**
Client ID: **6-40-20230615** Run ID: **ICS-Integrion_438113** SeqNo: **7367123** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.087	0.100	2	0.1232	98.2	80 - 120				
Nitrogen, Nitrite (As N)	1.767	0.100	2	0	88.4	80 - 120				
Nitrate/Nitrite (as N)	3.854	0.200	4	0.1232	93.3	80 - 120				
Sulfate	134	0.500	10	127.9	60.7	80 - 120				SEO

MSD Sample ID: **HS23061079-02MSD** Units: **mg/L** Analysis Date: **16-Jun-2023 16:59**
Client ID: **6-40-20230615** Run ID: **ICS-Integrion_438113** SeqNo: **7367124** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.071	0.100	2	0.1232	97.4	80 - 120	2.087	0.784	20	
Nitrogen, Nitrite (As N)	1.75	0.100	2	0	87.5	80 - 120	1.767	0.978	20	
Nitrate/Nitrite (as N)	3.821	0.200	4	0.1232	92.4	80 - 120	3.854	0.873	20	
Sulfate	132.8	0.500	10	127.9	49.3	80 - 120	134	0.85	20	SEO

The following samples were analyzed in this batch: HS23061079-02 HS23061079-12 HS23061079-13 HS23061079-15 HS23061079-18 HS23061079-19 HS23061079-20 HS23061079-21

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R439434 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-06202023** Units: **mg/L** Analysis Date: **20-Jun-2023 12:19**
Client ID: Run ID: **TOC_05_439434** SeqNo: **7374764** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-06202023** Units: **mg/L** Analysis Date: **20-Jun-2023 12:38**
Client ID: Run ID: **TOC_05_439434** SeqNo: **7374765** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.47	1.00	10	0	94.7	85 - 115				

LCSD Sample ID: **LCSD-06202023** Units: **mg/L** Analysis Date: **20-Jun-2023 12:57**
Client ID: Run ID: **TOC_05_439434** SeqNo: **7374766** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.332	1.00	10	0	93.3	85 - 115	9.47	1.47	20	

MS Sample ID: **HS23061151-01MS** Units: **mg/L** Analysis Date: **20-Jun-2023 17:40**
Client ID: Run ID: **TOC_05_439434** SeqNo: **7374780** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.99	1.00	10	0.6595	103	80 - 120				

The following samples were analyzed in this batch: HS23061079-02 HS23061079-13

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061079

QC BATCH REPORT

Batch ID: R440041 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-06272023** Units: **mg/L** Analysis Date: **27-Jun-2023 15:50**
Client ID: Run ID: **TOC_04_440041** SeqNo: **7388822** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-06272023** Units: **mg/L** Analysis Date: **27-Jun-2023 16:06**
Client ID: Run ID: **TOC_04_440041** SeqNo: **7388823** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.747	1.00	10	0	97.5	85 - 115				

LCSD Sample ID: **LCSD-06272023** Units: **mg/L** Analysis Date: **27-Jun-2023 16:22**
Client ID: Run ID: **TOC_04_440041** SeqNo: **7388824** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.888	1.00	10	0	98.9	85 - 115	9.747	1.44	20	

MS Sample ID: **HS23061403-03MS** Units: **mg/L** Analysis Date: **27-Jun-2023 16:54**
Client ID: Run ID: **TOC_04_440041** SeqNo: **7388826** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	16.08	1.00	10	6.173	99.1	80 - 120				

The following samples were analyzed in this batch: HS23061079-12 HS23061079-15 HS23061079-18 HS23061079-19 HS23061079-20 HS23061079-21

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ALS Houston, US Date: 09-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23061079**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

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CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352; 2022-2023	31-Jul-2023
Louisiana	03087-2023	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932022-13	31-Jul-2023

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ALS Houston, US Date: 09-Jul-23

Sample Receipt Checklist

Work Order ID: HS23061079 **Date/Time Received:** 16-Jun-2023 09:30

Client Name: GHDHouston **Received by:** Malcolm Burleson

Completed By:	/S/ Paresh M. Giga	16-Jun-2023 13:04	**Reviewed by:**	/S/ James Guin	19-Jun-2023 10:32
	eSignature	Date/Time		eSignature	Date/Time

Matrices: GW/Water Carrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑	
Chain of custody present?	Yes ☑	No ☐	3 Page(s)	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:268245/268246/268248	
Samplers name present on COC?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☐	No ☑		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☐	No ☑		
Sufficient sample volume for indicated test?	Yes ☐	No ☑		
All samples received within holding time?	Yes ☑	No ☐		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

Temperature(s)/Thermometer(s):	3.3C/3.2C; 2.4C/2.3C; 3.4C/3.3C U/C	IR31
Cooler(s)/Kit(s):	49071/50625/43893	
Date/Time sample(s) sent to storage:	6/16/23 12:30	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:
6-22B-20230615 -
Limited volume for PCB - 1 Amber half full.
Samle 6-04-20230615 - not received.
6-10-20230615 - 1 vial received broken.
6-44-20230615 - Rec 6 vials

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Chain of Custody Form

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COC ID: 268245

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

#	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
	12603647-TB01			Water	1,8	2					X						
	6-HO-20230615	6/15/23	1625	GW	1,3,8	8	X	X	X	X							
	6-15-20230615	6/15/23	1515	GW	1,8	5	X	X									
	6-08-20230615	6/15/23	1600	GW	1,8	3	X										
	6-19-20230615	6/15/23	1050	GW	1,8	3	X										
	DUP01-20230615	6/15/23	—	GW	1,8	3	X										
	6-09-20230615	6/15/23	1245	GW	1,8	5	X	X									
	6-36-20230615	6/15/23	1110	GW	1,8	3	X										
	6-10-20230615	6/15/23	1545	GW	1,8	5	X	X									
	6-44-20230615	6/15/23	1130	GW	1,8	3	X										

Sampler(s) Please Print & Sign

Shipment Method

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by: Date: 6/16/23 Time: 1800 Received by:

Relinquished by: Date: Time: Received by (Laboratory): 06/16/2023 0930

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: TPC Laguna NM, MW- should be 6-

Cooler ID	Cooler Temp.
49071	3.3uc
43693	-0.1c
	3.4uc
	3.0 6.25 2.4uc

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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Chain of Custody Form

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COC ID: 268246

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
12603647-TB01			Water	1,8	2					X						
1-14-20230615	06/15/23	1415	water	1,3,C	8	X	X	X	X							
6-22B-20230615	06/15/23	1330	GW	1,3,8	8	X	X	X	X							
6-20C-20230615	6/15/23	1445	GW	8,1	5	X	X									
6-22C-20230615	6/15/23	1400	GW	1,3,8	8	X	X	X	X							
6-20B-20230615	6/15/23	1445	GW	1,8	5	X	X									

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) ☐ Other _____ ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date: 6/15/23	Time: 1800	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): MB 6/16/23	09:30
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- ☒ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other _____
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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COC ID: 268248

ALS Project Manager:

Customer Information		Project Information		Analysis Requested
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A 8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C 300_W (300 "NO3, NO2", SO4) [120ml P Neat]
Report To	Blair Owen	Invoice Attn	Stacy Boutinghouse	D TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E 8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	F
Phone	(713) 734-3090	Phone		G
Fax	(713) 734-3391	Fax		H
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boutinghouse@energytransfer.com	I
				J

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
12603647-TB01	6/15/23		Water	1.8	2					X						
-21B-20230615	6/16/23	1700	GW	1.38	8	X	X	X	X							
-21C-20230615	6/15/23	1315	GW	1.31	6	X		X	X							
-21A-20230615	6/15/23	1230	GW	1.31	8	X	X	X	X							
-21-20230615	6/15/23	1200	GW	1.33	8	X	X	X	X							
-09-20230615	6/15/23	1245	GW	1.31	8	X	X	X	X							

Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

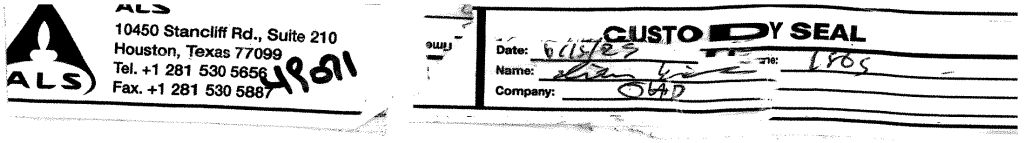
Notes: TPC Laguna NM. Mercaptan by b

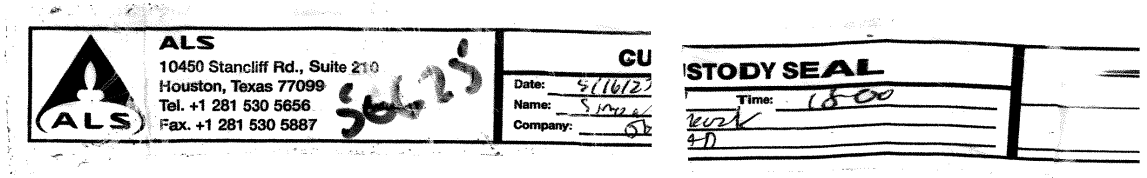
Relinquished by:	Date: 6/18/23	Time: 10:00	Received by:
Relinquished by:	Date:	Time:	Received by (Laboratory): 06162023 0930
Relinquished by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Cooler ID	Cooler Temp.

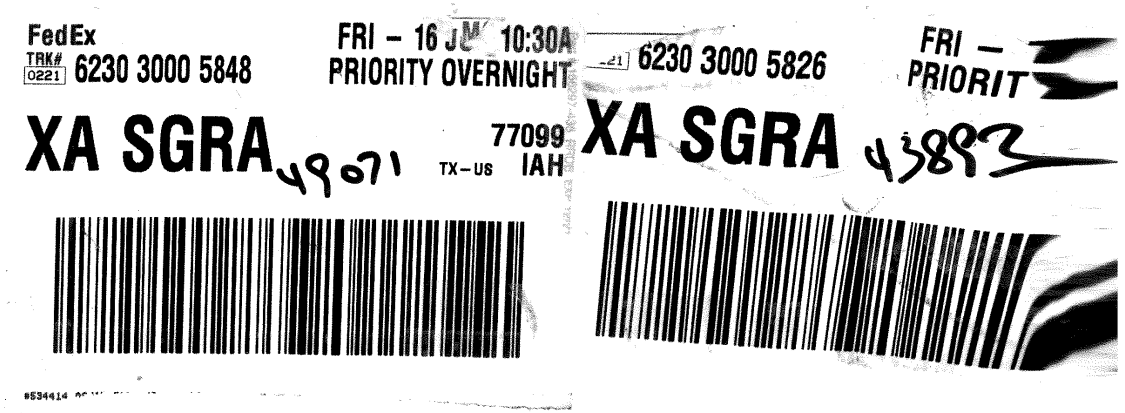
QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Data
[ ] Level IV SW846/CLP
[ ] Other
[ ] TRRP Check
[ ] TRRP Level

1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035









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COC ID: 268245

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	6-MW-20230615	6/15/23	1625	GW	1,3,8	6	X	X	X	X							
3	6-15-20230615	6/15/23	1515	GW	1,8	5	X	X									
4	6-08-20230615	6/15/23	1600	GW	1,8	3	X										
5	6-19-20230615	6/15/23	1050	GW	1,8	3	X										
6	DUP01-20230615	6/15/23	—	GW	1,8	3	X										
7	6-09-20230615	6/15/23	1245	GW	1,8	5	X	X									
8	6-36-20230615	6/15/23	1110	GW	1,8	3	X										
9	6-10-20230615	6/15/23	1505	GW	1,8	5	X	X									
10	6-44-20230615	6/15/23	1130	GW	1,8	3	X										

Sampler(s) Please Print & Sign | **Shipment Method** | **Required Turnaround Time: (Check Box)** [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other _____ | **Results Due Date:**

Relinquished by:	Date: ~~1800~~ 6/16/23	Time: 1806	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	06/16/2023 0930
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM, MW- should be 6-

Cooler ID	Cooler Temp.
	1.R3
49071	3.3uc
43893	-0.1c
	3.4uc
30625	2.4uc

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

Page _____ of _____

COC ID: 268246

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	1-14-20230615	06/15/23	1415	water	1,3,C	8	X	X	X	X							
3	6-22B-20230615	06/15/23	1330	GW	1,3,8	8	X	X	X	X							
4	6-20C-20230615	6/15/23	1445	GW	8,1	5	X	X									
5	6-22C-20231615	6/15/23	1400	GW	1,3,8	8	X	X	X	X							
6	6-20B-20230615	6/15/23	1445	GW	1,8	5	X	X									
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box): [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other _____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
	6/15/23	1800	
Relinquished by:	Date:	Time:	Received by (Laboratory):
			MB 6/16/23 09:30
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other _____
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
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Received by OCD: 5/2/2024 6:19:13 AM

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Chain of Custody Form

Page ____ of ____

COC ID: 268248

HS23061079
GHD
12603647 - Laguna 2023

Customer Information		Project Information		ALS Project Manager:
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	
Work Order		Project Number	12603647	
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX, 78258	
Phone	(713) 734-3090	Phone		
Fax	(713) 734-3391	Fax		
e-mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	

	A	B	C	D	E	F	G	H	I	J
A	8260_LL_W (8260 VOC TCL 4.3) [3xVOA HCl]									
B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]									
C	300_W (300 "NO3, NO2", SO4) [120ml P Neat]									
D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]									
E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]									
F										
G										
H										
I										
J										

Sample Description	Date	Time	Matrix	Pres.	# Bottles	Hold
12603647-TB01	6/15/23		Water	1,8	2	X
[illegible]	6/16/23	1700	SO	1,3,5	8	
[illegible]	6/15/23	1715	SO	1,3,5	6	
[illegible]	6/15/23	1230	SO	1,3,5	8	
[illegible]	6/15/23	1200	SO	1,3,5	8	
[illegible]	6/15/23	1245	SO	1,3,5	8	

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 W/ Days [ ] 5 W/ Days [ ] 2 W/ Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by: Date: 6/15/23 Time: 10:00 Received by:

Relinquished by: Date: Time: Received by (Laboratory): 06/16/2023 0930

Verified by (Laboratory): Date: Time: Checked by (Laboratory):

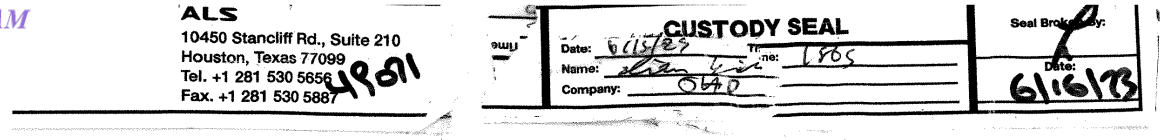
Notes: TPC Laguna NM

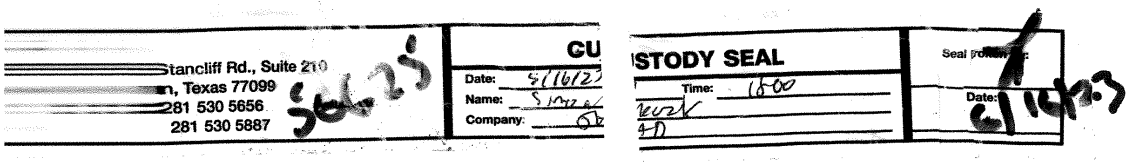
Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/RawData
[ ] Level IV SW846/CLP
[ ] TRRP Check
[ ] TRRP Level

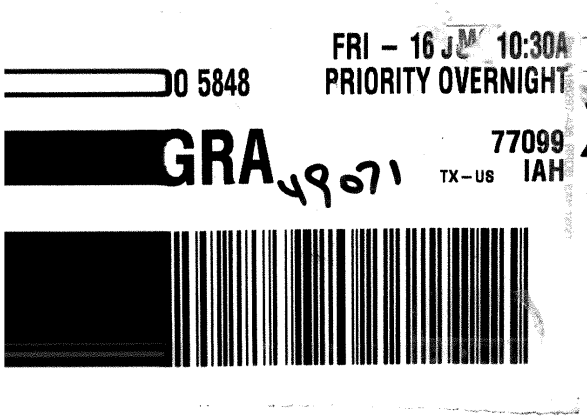
6-NaHSO4 7-Other 8-4°C 9-5035

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Page _____ of _____

COC ID: 268245

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	6-40-20230615	6/15/23	1625	GW	1,3,8	6	X	X	X	X							
3	6-15-20230615	6/15/23	1515	GW	1,8	5	X	X									
4	6-08-20230615	6/15/23	1600	GW	1,8	3	X										
5	6-19-20230615	6/15/23	1050	GW	1,8	3	X										
6	DUP01-20230615	6/15/23	—	GW	1,8	3	X										
7	6-09-20230615	6/15/23	1245	GW	1,8	5	X	X									
8	6-36-20230615	6/15/23	1110	GW	1,8	3	X										
9	6-10-20230615	6/15/23	1545	GW	1,8	5	X	X									
10	6-44-20230615	6/15/23	1130	GW	1,8	3	X										

Sampler(s) Please Print & Sign

Shipment Method

Required Turnaround Time: (Check Box) ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date: ~~1800~~ 6/16/23	Time: 1806	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	06/16/2023 0930
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM, MW- should be 6-

Cooler ID	Cooler Temp.
	IR31
49071	3.3uc
43693	-0.1c
	3.4uc
30625	2.4uc

QC Package: (Check One Box Below)

- ☒ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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ALS Group USA Corp dba ALS Environmental Terms& Conditions
April 2013

General: These Terms and Conditions embody the entire agreement ("Agreement") of the parties in the absence of a signed and executed contract between any of ALS Testing Services Group Inc and each of its wholly owned subsidiaries ("LAB") and Client, and the placement of an order for or receipt of samples for analysis based on this Agreement will constitute acceptance of the Agreement by the Client. This Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. LAB specifically rejects all additional, inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from Client to LAB. The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Agreement.
No waiver by LAB of any provision, term or condition hereof or of any breach by or obligation of Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of Client. This Agreement shall be administered and interpreted under the laws of the state of Texas.

Provision of Services: LAB will provide the services described in the accompanying tender, quotation, letter, fax or email ("Services").
Where applicable, LAB will use analytical methodologies which are in substantial conformity with certified and/or other recognized applicable methodologies, exercising the same degree of skill, care and diligence that would be exercised by professional service providers in similar circumstances. LAB reserves the right to deviate from these methodologies, if necessary or appropriate, due to the nature or composition of the sample or otherwise, based on the reasonable judgment of LAB. Deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or LAB's standard operating procedures.
The Client acknowledges that it is the Client's sole responsibility to make its own assessment of the suitability for any purpose of the Services, detection limits and confidence intervals inherent in LAB's standard testing methodology, the LAB Report and its contents. It is necessary for LAB to assume that the paperwork submitted with a sample describes the testing protocol desired. Any changes to this protocol must be submitted to LAB in writing. LAB is in no way responsible for analytical method choice unless LAB is informed of all project aspects, LAB's opinion is solicited and given, and all remuneration owed by Client to LAB is received.
If the Client requires the Services to be performed by specific test method, or requires detection limits and/or confidence intervals different to those inherent in LAB's standard testing methodology, then the Client must instruct LAB of such a variation prior to LAB performing the Services.
LAB may delegate the performance of all or part of the Services to another qualified laboratory within the LAB network. If any work must be subcontracted to a third party laboratory not in the LAB network, LAB will contact Client for approval. In all cases Client will be informed.

Fees and Payment: Payment terms are 30 days from the date of invoice (Due Date), unless negotiated otherwise prior to the placement of an order or submission of samples. Any such variance from the standard payment terms must be stipulated separately in writing in the Agreement.
All prices quoted by LAB are exclusive of sales, use of other taxes unless stated otherwise.
All fees due and payable after the Due Date **(Outstanding Amount)** will be subject to the payment of interest at a rate of 1.5% per month of the Outstanding Amount from the Due Date up to and including the date of payment, unless LAB and the Client otherwise agree in writing. The Client will indemnify LAB for any fees incurred by LAB to recover the Outstanding Amount, including any solicitor fees, or collection agency fees.
All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without third party credit approval by LAB. If changes are made after the originally requested testing is initiated or has been completed, the Client must accept payment responsibility for the work completed.
A surcharge is usually added to the list fee if expedited analysis is requested. The surcharge will depend upon the analysis to be performed. Expedited service is offered contingent upon availability and pre-arrangement with LAB.
LAB reserves the right to review prices at any time if significant changes to LAB's costs are incurred that are beyond LAB's control. Such changes may include, but are not limited to, changes in legislative requirements, changes to the number of samples, analytes requested, turnaround required, reporting requirements, or project scheduling.
LAB reserves the right to require payment prior to release of data. Until such time as Client invoices are paid in full, LAB has no obligation, and will not defend, reporture, return, or supplement data results.
Compensation for Services performed will be based on the current LAB Analytical Fee Schedule, or on quotations agreed to in writing by the parties. Unless specifically indicated on the written confirmation of quotation, analytical turnaround times are not guaranteed. The minimum charge will be $100.00 unless otherwise noted. Prorated fees may be charged if project is terminated before completion.

Warranty: Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing Services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of Services. LAB MAKES NO OTHER WARRANTIES OF ANY KIND AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
Preliminary results may be given in advance of the laboratory report in LAB's sole discretion. Such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk.
LAB does not endorse or place any assurance on any product not made directly by LAB.
LAB is an independent testing laboratory testing samples sent to LAB facilities by third parties. LAB has no responsibility regarding how, where or when the samples are taken, except where LAB itself performs the sampling and then only to the extent LAB had full discretion concerning sampling.

Performance: LAB recognizes that time is of the essence and upon timely delivery of samples will use its best efforts in meeting mutually agreed upon turnaround times and data requirements. However, LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) when changes in project scheduling or scope project requirements. LAB will strive to accommodate such changes but is not liable for non-performance due to Client variations to scheduling or scope and LAB will not be liable whatsoever for holding times that are exceeded due to such changes.

Indemnification: The Client hereby releases and indemnifies and shall continue to release and indemnify LAB, its officers, employees and agents from and against all actions, claims (actual or threatened), proceedings or demands (including any costs and expenses in defending or servicing same) which may be brought against it or them, in respect of any loss (including Consequential Loss), death, injury, illness or damage to persons or property, and whether direct or indirect and in respect of any breach of any industrial or intellectual property rights, howsoever arising out of the use of, reliance on, or benefit of, the Services or any LAB Report, except to the extent that the loss, death, injury, illness or damage to persons or property was directly caused by the negligence, willful acts or omissions of LAB or its employees.

Limitation of Liability: The liability of LAB is limited to negligent acts or omissions and arising out of or in association with the provision of the Services under this Agreement and caused solely by the LAB and to the sole and exclusive responsibility of LAB to re-perform any deficient work at LAB's own expense and no other liability whatsoever.
Notwithstanding any other provision of the Agreement, and except to the extent that liability cannot be limited or excluded by law:

- the LAB will not be liable to the Client and its Personnel for any indirect loss whatsoever, including consequential loss, loss of profits, or economic loss;
- the LAB's cumulative liability to the Client for any loss or damage whatsoever which arises under or in connection with this Agreement or the provision of Services (excluding loss or damage to real or personal property, or personal injury to persons), and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to the value of the Services provided; and
- the LAB's cumulative liability to the Client and its Personnel for any loss or damage to real or personal property whatsoever which arises under or in connection with this Agreement or the provision of Services, and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to an amount recovered by the LAB under its policies of insurance.

All results provided by LAB are strictly for the use of Client, and LAB is in no way responsible for the use of such results by third parties other than Client. All results should be considered in their entirety as presented in the report provided, and LAB is not responsible for the separation, detachment, or other use of any portion of the results. Results apply only to the items (samples) submitted to LAB for analysis, individual items (samples) analyzed, and listed in specific LAB data reports.
All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of Services.

Client's Obligations: The Client will ensure that all personnel, information, samples, test materials, access to facilities and infrastructure, assistance, records, documentation and facilities needed by LAB to perform the Services, are available when reasonably required by LAB.
The Client will give written notice to LAB of all known safety or health hazards and special procedures applicable to the performance of the Services, and the safe handling, testing, storage, transport and disposal of samples submitted to LAB (including whether or not the disposal of samples may cause contamination) or the Client's facilities or infrastructure in which LAB is partly or wholly performing the Services. LAB may in its absolute discretion, refuse to provide part or all of the Services where it determines that the provision of part or all of the Services may pose a health or safety hazard.
The Client must take all necessary steps to remove or remedy any known safety or health hazards, or any obstacles to or anything that is likely to interrupt the performance of the Services by LAB.

Termination: LAB may suspend or terminate its obligations under this Agreement if (a) monies payable to LAB by the client are outstanding 60 days or more (unless otherwise agreed) after the date of invoice, (b) other substantial breach by the Client of their obligations under the Agreement, which breach is not remedied within 30 days of written notice from LAB requiring the breach to be remedied, (c) by giving the Client 60 days written notice of LAB's intention to terminate.
The Client may terminate its obligations under this Agreement in the event of a substantial breach by LAB of its obligations under the Agreement, which breach has not been remedied within 30 days of written notice from the Client to LAB requiring the breach to be remedied.
If LAB, acting reasonably, suspects that the Client is insolvent or is having difficulties paying its debts as and when they become due, or the Client is insolvent, LAB may give written notice to the Client of LAB's intention to immediately suspend or terminate is obligations under this Agreement.
In the event of termination LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Intellectual Property: LAB Intellectual Property means all intellectual property and proprietary rights (whether registered or unregistered) owned by LAB prior to performance of the Services, developed by LAB in performance of the Services, or developed by LAB outside of, or after, performance of the Services, and without limitation includes business names, trade or service marks, any right to have information (including confidential information) kept confidential, patents, patent applications, drawings, discoveries, inventions, improvements, trade secrets, technical data, formulae, databases, know-how, logos, designs, design rights, copyright and similar industrial or intellectual property rights.
All LAB Intellectual Property will remain the property of LAB.
LAB grants to the Client a world-wide, non-exclusive, royalty free license to use LAB Intellectual Property for the purpose agreed to between the Client and LAB to the extent that it is needed for the enjoyment and benefit of the Services.

Confidential Information: Confidential Information means all information in relation to a disclosing party, its business, operations, products, processes, customers, suppliers or contractors which is or might reasonably be considered by the disclosing party to be confidential, including all technical data, formulae, specifications, diagrams, plans, drawings, sketches, designs, business plans and reports, business methods and systems, business records, production information, unpublished financial accounts and reports, discount and supply agreements, subcontractor lists, customer lists, except to the extent that such information is lawfully in the public domain.
Neither LAB nor the Client will disclose Confidential Information of the other party to any third party without the prior written consent of the other party, unless required by law or the rules of a relevant stock exchange.
LAB and the Client will only use Confidential Information of the other party for the purpose of the supply of the Services.

Reports: Any report, findings, results, statement, certification issued by LAB (**LAB Report**) is issued on the basis of testing of samples or materials, information, or documents provided by, or on behalf of, the Client. The Client will indemnify and hold harmless LAB, its officers, employees, agents and subcontractors for any claim whatsoever in relation to any LAB Report arising from unclear, erroneous, incomplete, misleading or false information provided to LAB, or arising from any incorrect or defective materials or samples provided to LAB.
Each LAB Report is issued on the testing of samples or specific materials using established data quality objectives, and contains LAB's results and opinions (if provided) on those samples or specific materials only. Each LAB Report is solely for the benefit of the Client, its officers and employees. The LAB Report has been commissioned by the Client on the terms and conditions contained in this Agreement;

- the LAB Report has been prepared at the request of the Client for the purpose agreed between the Client and LAB. The Client may disclose the report to a third party for that purpose only, but LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) to that third party. Any disclosure to a third party must be of the whole of the LAB Report, including LAB's disclaimer notice which is substantially the same as the terms outlined in this clause;
- LAB reserves its right to review, update or supplement any LAB Report. Any further information will be provided subject to the terms of this Agreement.

The Client indemnifies LAB, its directors, employees, agents, consultants, contractors, successors in title and assigns against any claim made against any or all of them by third parties arising out of either the disclosure of any LAB Report, whether directly or indirectly by the Client, to a third party, or any reproduction or publication of an extract of any LAB Report.
The Client acknowledges and agrees that any action, inaction, or decision of the Client in response to the LAB Report will be determined by the Client. Neither LAB nor any of its officers, employees, agents, or subcontractors' will be liable to the Client or any third party for any action or inaction of the Client in response to any LAB Report.
LAB will retain Client data and Confidential Information for 5 years from date of the final LAB Report.

Sample Handling: Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss of or damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation by a LAB employee. In no event will LAB have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from LAB's premises.
LAB will use its best efforts to arrange for the shipment of specially prepared sample bottles, sampling instructions per Client instruction by the readily available, least cost ground shipping method. Any other shipment arrangements or overnight shipping requirements will be at Client's expense. Client is responsible for the cost of shipping samples to the laboratory. Storage time of samples will be subject to requirements under applicable recognized regulations or methods.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of LAB: (a) is of unsuitable amount; (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client; or (c) has been delivered holding time for the analysis has lapsed. LAB will advise the Client of samples which are missing or received in damaged, contaminated, or improperly preserved condition, or the documentation is inaccurate as described between the sample container label and the Chain of Custody form.
When extended or special storage conditions are required, samples are held without analysis, or special disposal procedures are necessary, LAB may add storage and disposal fees to the final invoice. LAB also reserves the right to bill the Client for sample or shipping containers provided but not returned.
Unless the Client provides LAB written instructions concerning disposal, samples will be disposed of according to standard LAB procedures. Unused samples may be returned to the Client as agreed upon by LAB and Client. The Client acknowledges that during the performance of the Services, Client samples or portions thereof may be altered or destroyed as part of the testing protocol.

Force Majeure If LAB is prevented in whole or in part from performing its obligations by a Force Majeure Event, LAB may suspend performance of those obligations by giving written notice to the Client. Any non-performance or delay in performance resulting from the Force Majeure Event will not be deemed to be a breach of this Agreement.
If a suspension under this clause 14 exceeds 90 days, LAB may immediately terminate the Agreement by written notice to the Client. In the event of termination, LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort, including negligence.

Use of LAB's Name. Client shall not use LAB's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever. The Client shall not attribute to LAB any test result, tolerance or specification derived from LAB's data ("Attribution"), except to the extent that such attribution is required for disclosure to regulatory or reporting agencies or groups requiring disclosure of the name of LAB, without LAB's prior written consent, which may be withheld by LAB for any reason in its sole discretion. To request LAB's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If LAB has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use LAB's name or trademark in any Materials or Attribution shall be deemed denied. LAB may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests, in accordance with Section 3. Client acknowledges and agrees that the unauthorized use of LAB's name or trademark in violation of this Section 16 shall cause LAB to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation of this Section 16 shall justify preliminary injunctive relief.

Attorneys' Fees and Costs. If any action or proceeding is commenced to enforce or interpret any of the terms or conditions of this Agreement or the performance thereof, including the collection of any payments due hereunder, the prevailing party will be entitled to recover all reasonable attorneys' fees, costs and expenses, including staff time at current billing rates, court costs, and other claim-related expenses. If LAB is requested to respond to any mandatory orders for the production of documents or witnesses on CLIENT's behalf regarding work performed by LAB, CLIENT agrees to pay all costs and expenses incurred by LAB not reimbursed by others in responding to such order, including attorney's fees, staff time at current billing rates and reproduction expenses.

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Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page _____ of _____

COC ID: 268246

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2XVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
12603647-TB01			Water	1,8	2					X						
1-14-20230615	06/15/23	1415	water	1,3,5	8	X	X	X	X							
6-22B-20230615	06/15/23	1330	GW	1,3,8	8	X	X	X	X							
6-20C-20230615	6/15/23	1445	GW	8,1	5	X	X									
6-22C-20230615	6/15/23	1400	GW	1,3,8	8	X	X	X	X							
6-20B-20230615	6/15/23	1445	GW	1,8	5	X	X									

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date: 6/15/23	Time: 1800	Received by:	Notes: TPC Laguna NM
Relinquished by:	Date:	Time:	Received by (Laboratory): MB 6/16/23 09:30	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS Group USA Corp dba ALS Environmental Terms& Conditions
April 2013

General: These Terms and Conditions embody the entire agreement ("Agreement") of the parties in the absence of a signed and executed contract between any of ALS Testing Services Group Inc and each of its wholly owned subsidiaries ("LAB") and Client, and the placement of an order for or receipt of samples for analysis based on this Agreement will constitute acceptance of the Agreement by the Client. This Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. LAB specifically rejects all additional, inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from Client to LAB. The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of this Agreement.
No waiver by LAB of any provision, term or condition hereof or of any breach by or obligation of Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of Client. This Agreement shall be administered and interpreted under the laws of the state of Texas.
Provision of Services: LAB will provide the services described in the accompanying tender, quotation, letter, fax or email ("Services").
Where applicable, LAB will use analytical methodologies which are in substantial conformity with certified and/or other recognized applicable methodologies, exercising the same degree of skill, care and diligence that would be exercised by professional service providers in similar circumstances. LAB reserves the right to deviate from these methodologies, if necessary or appropriate, due to the nature or composition of the sample or otherwise, based on the reasonable judgment of LAB. Deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or LAB's standard operating procedures.
The Client acknowledges that it is the Client's sole responsibility to make its own assessment of the suitability for any purpose of the Services, detection limits and confidence intervals inherent in LAB's standard testing methodology, the LAB Report and its contents. It is necessary for LAB to assume that the paperwork submitted with a sample describes the testing protocol desired. Any changes to this protocol must be submitted to LAB in writing. LAB is in no way responsible for analytical method choice unless LAB is informed of all project aspects. LAB's opinion is solicited and given, and all remuneration owed by Client to LAB is received.
If the Client requires the Services to be performed by specific test method, or requires detection limits and/or confidence intervals different to those inherent in LAB's standard testing methodology, then the Client must instruct LAB of such a variation prior to LAB performing the Services.
LAB may delegate the performance of all or part of the Services to another qualified laboratory within the LAB network. If any work must be subcontracted to a third party laboratory not in the LAB network, LAB will contact Client for approval. In all cases Client will be informed.
Fees and Payment: Payment terms are 30 days from the date of invoice (Due Date), unless negotiated otherwise prior to the placement of an order or submission of samples. Any such variance from the standard payment terms must be stipulated separately in writing in the Agreement.
All prices quoted by LAB are exclusive of sales, use of other taxes unless stated otherwise.
All fees due and payable after the Due Date (**Outstanding Amount**) will be subject to the payment of interest at a rate of 1.5% per month of the Outstanding Amount from the Due Date up to and including the date of payment, unless LAB and the Client otherwise agree in writing. The Client will indemnify LAB for any fees incurred by LAB to recover the Outstanding Amount, including any solicitor fees, or collection agency fees.
All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without third party credit approval by LAB. If changes are made after the originally requested testing is initiated or has been completed, the Client must accept payment responsibility for the work completed.
A surcharge is usually added to the list fee if expedited analysis is requested. The surcharge will depend upon the analysis to be performed. Expedited service is offered contingent upon availability and pre-arrangement with LAB.
LAB reserves the right to review prices at any time if significant changes to LAB's costs are incurred that are beyond LAB's control. Such changes may include, but are not limited to, changes in legislative requirements, changes to the number of samples, analytes requested, turnaround required, reporting requirements, or project scheduling.
LAB reserves the right to require payment prior to release of data. Until such time as Client invoices are paid in full, LAB has no obligation, and will not defend, reproduce, return, or supplement data results.
Compensation for Services performed will be based on the current LAB Analytical Fee Schedule, or on quotations agreed to in writing by the parties. Unless specifically indicated on the written confirmation of quotation, analytical turnaround times are not guaranteed. The minimum charge will be $100.00 unless otherwise noted. Prorated fees may be charged if project is terminated before completion.
Warranty: Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing Services, obtain findings and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of Services. LAB MAKES NO OTHER WARRANTIES OF ANY KIND AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
Preliminary results may be given in advance of the laboratory report, in LAB's sole discretion. Such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk.
LAB does not endorse or place any assurance on any product not made directly by LAB.
LAB is an independent testing laboratory testing samples sent to LAB facilities by third parties. LAB has no responsibility regarding how, where or when the samples are taken, except where LAB itself performs the sampling and then only to the extent LAB had full discretion concerning sampling.
Performance: LAB recognizes that time is of the essence and upon timely delivery of samples will use its best efforts in meeting mutually agreed upon turnaround times and data requirements. However, LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) when changes in project scheduling or scope, affect the LABs ability to meet project requirements. LAB will strive to accommodate such changes but is not liable for non-performance due to Client variations to scheduling or scope and LAB will not be liable whatsoever for holding times that are exceeded due to such changes.
Indemnification: The Client hereby releases and indemnifies and shall continue to release and indemnify LAB, its officers, employees and agents from all actions, claims (actual or threatened), proceedings or demands (including any costs and expenses in defending or servicing same) which may be brought against it or them, in respect of any loss (including Consequential Loss), death, injury, illness or damage to persons or property, and whether direct or indirect and in respect of any breach of any industrial or intellectual property rights, howsoever arising out of the use of, reliance on, or benefit of, the Services or any LAB Report, except to the extent that the loss, death, injury, illness or damage to persons or property was directly caused by the negligence, willful acts or omissions of LAB or its employees.
Limitation of Liability: The liability of LAB is limited to negligent acts or omissions and arising out of or in association with the provision of the Services under this Agreement and caused solely by the LAB, and to the sole and exclusive responsibility of LAB to re-perform any deficient work at LAB's own expense and no other liability whatsoever.
Notwithstanding any other provision of the Agreement, and except to the extent that liability cannot be limited or excluded by law:

- the LAB will not be liable to the Client and its Personnel for any indirect loss whatsoever, including consequential loss, loss of profits, or economic loss;
- the LAB's cumulative liability to the Client for any loss or damage whatsoever which arises under or in connection with this Agreement or the provision of Services (excluding loss or damage to real or personal property, or personal injury to persons), and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to the value of the Services provided; and
- the LAB's cumulative liability to the Client and its Personnel for any loss or damage to real or personal property whatsoever which arises under or in connection with this Agreement or the provision of Services, and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to an amount recovered by the LAB under its policies of insurance.

All results provided by LAB are strictly for the use of Client, and LAB is in no way responsible for the use of such results by third parties other than the Client. All results should be considered in their entirety as presented in the report provided, and LAB is not responsible for the separation, detachment, or other use of any portion of the results. Results apply only to the items (samples) submitted to LAB for analysis, individual items (samples) analyzed, and listed in specific LAB data reports.
All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of Services.
Client's Obligations: The Client will ensure that all personnel, information, samples, test materials, access to facilities and infrastructure, assistance, records, documentation and facilities needed by LAB to perform the Services, are available when reasonably required by LAB.
The Client will give written notice to LAB of all known safety or health hazards and special procedures applicable to the performance of the Services, and the safe handling, testing, storage, transport and disposal of samples submitted to LAB (including whether or not the disposal of samples may cause contamination) or the Client's facilities or infrastructure in which LAB is partly or wholly performing the Services. LAB may in its absolute discretion, refuse to provide part or all of the Services where it determines that the provision of part or all of the Services may pose a health or safety hazard.
The Client must take all necessary steps to remove or remedy any known safety or health hazards, or any obstacles to or anything that is likely to interrupt the performance of the Services by LAB.
Termination: LAB may suspend or terminate its obligations under this Agreement if (a) monies payable to LAB by the client are outstanding 60 days or more (unless otherwise agreed) after the date of invoice, (b) other substantial breach by the Client of their obligations under the Agreement, which breach is not remedied within 30 days of written notice from LAB requiring the breach to be remedied, (c) by giving the Client 60 days written notice of LAB's intention to terminate.
The Client may terminate its obligations under this Agreement in the event of a substantial breach by LAB of its obligations under the Agreement, which breach has not been remedied within 30 days of written notice from the Client to LAB requiring the breach to be remedied.
If LAB, acting reasonably, suspects that the Client is insolvent or is having difficulties paying its debts as and when they become due, or the Client is insolvent, LAB may give written notice to the Client of LAB's intention to immediately suspend or terminate is obligations under this Agreement.
In the event of termination, LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.
Intellectual Property: LAB Intellectual Property means all intellectual property and proprietary rights (whether registered or unregistered) owned by LAB prior to performance of the Services, developed by LAB in performance of the Services, or developed by LAB outside of, or after, performance of the Services, and without limitation includes business names, trade or service marks, any right to have information (including confidential information) kept confidential, patents, patent applications, drawings, discoveries, inventions, improvements, trade secrets, technical data, formulae, databases, know-how, logos, designs, design rights, copyright and similar industrial or intellectual property rights.
All LAB Intellectual Property will remain the property of LAB.
LAB grants to the Client a world-wide, non-exclusive, royalty free license to use LAB Intellectual Property for the purpose agreed to between the Client and LAB to the extent that it is needed for the enjoyment and benefit of the Services.
Confidential Information: Confidential Information means all information in relation to a disclosing party, its business, operations, products, processes, customers, suppliers or contractors which is or might reasonably be considered by the disclosing party to be confidential, including all technical data, formulae, specifications, diagrams, plans, drawings, sketches, designs, business plans and reports, business methods and systems, business records, production information, unpublished financial accounts and reports, discount and supply agreements, subcontractor lists, customer lists, except to the extent that such information is lawfully in the public domain.
Neither LAB nor the Client will disclose Confidential Information of the other party to any third party without the prior written consent of the other party, unless required by law or the rules of a relevant stock exchange.
LAB and the Client will only use Confidential Information of the other party for the purpose of the supply of the Services.
Reports: Any report, findings, results, statement, certification issued by LAB (**LAB Report**) is issued on the basis of testing of samples or materials, information, or documents provided by or on behalf of, the Client. The Client will indemnify and hold harmless LAB, its officers, employees, agents and subcontractors for any claim whatsoever in relation to any LAB Report arising from unclear, erroneous, incomplete, misleading or false information provided to LAB; or arising from any incorrect or defective materials or samples provided to LAB.
Each LAB Report is issued on the testing of samples or specific materials using established data quality objectives, and contains LAB's results and comments in relation to those samples or specific materials only.
Each LAB Report is solely for the benefit of the Client, its officers and employees. The LAB Report has been commissioned by the Client on the terms and conditions contained in the Agreement;

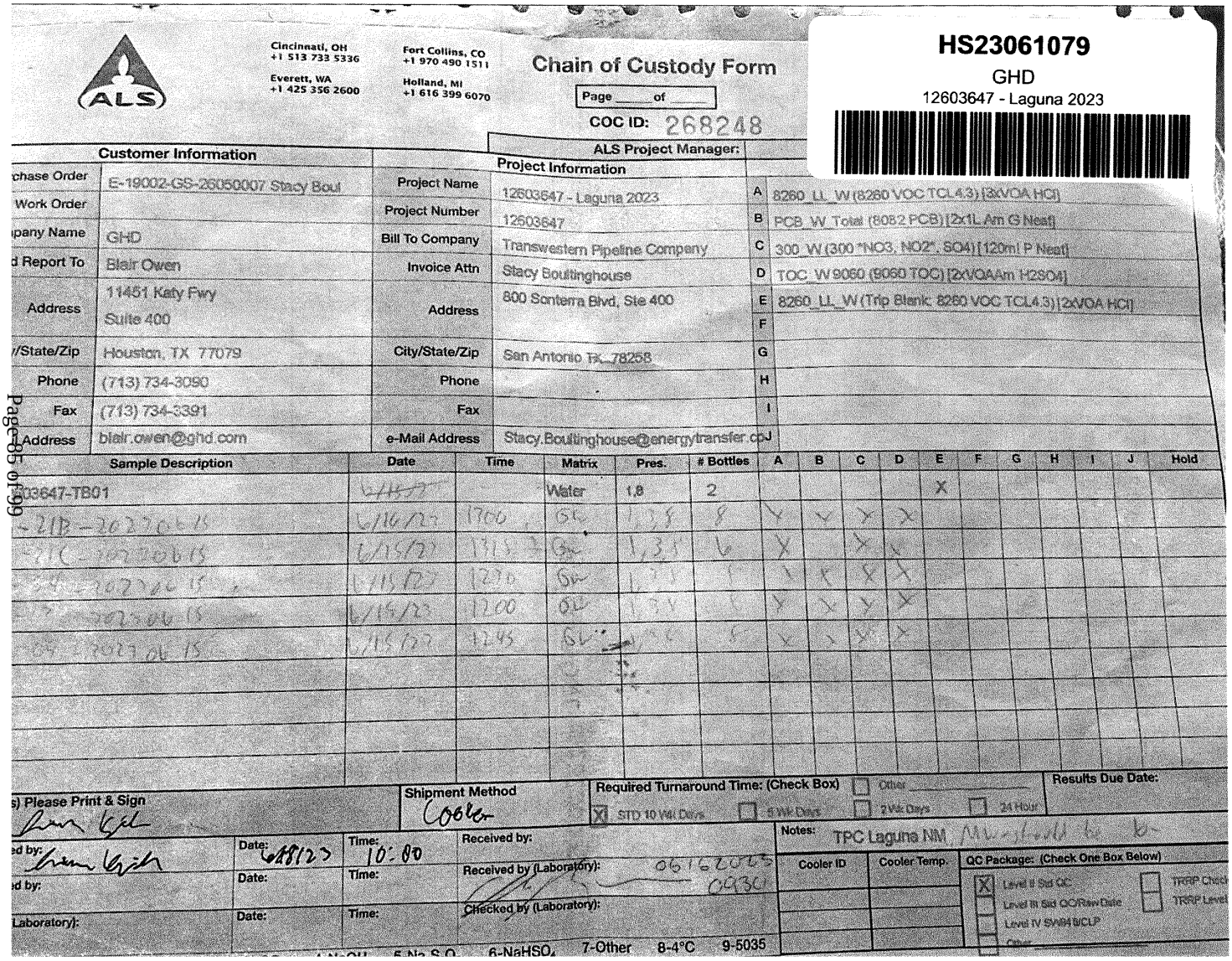
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The Client indemnifies LAB, its directors, employees, agents, consultants, contractors, successors in title and assigns against any claim made against any or all of them by third parties arising out of either the disclosure of any LAB Report, whether directly or indirectly by the Client, to a third party; or any reproduction or publication of an extract of any LAB Report.
The Client acknowledges and agrees that any action, inaction, or decision of the Client in response to the LAB Report will be determined by the Client. Neither LAB nor any of its officers, employees, agents, or subcontractors will be liable to the Client or any third party for any action or inaction of the Client in response to any LAB Report.
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LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of LAB: (a) is of unsuitable amount; (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client; or (c) has been delivered to the LAB more than seventy-two (72) hours after sampling or if one half (1/2) or more of the recommended holding time for the analysis has lapsed. LAB will advise the Client of samples which are missing or received in damaged, contaminated, or improperly preserved condition, or the documentation is inaccurate as described between the sample container label and the Chain of Custody form.
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Attorneys' Fees and Costs. If any action or proceeding is commenced to enforce or interpret any of the terms or conditions of this Agreement or the performance thereof, including the collection of any payments due hereunder, the prevailing party will be entitled to recover all reasonable attorneys' fees, costs and expenses, including staff time at current billing rates, court costs, and other claim related expenses. If LAB is requested to respond to any mandatory orders for the production of documents or witnesses on CLIENT's behalf regarding work performed by LAB, CLIENT agrees to pay all costs and expenses incurred by LAB not reimbursed by others in responding to such order, including attorney's fees, staff time at current billing rates and reproduction expenses.

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Released to Imaging: 6/5/2024 4:51:36 PM
Received by OCD: 5/2/2024 6:19:13 AM

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Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page ____ of ____

COC ID: 268248

HS23061079
GHD
12603647 - Laguna 2023

Customer Information		Project Information		ALS Project Manager:
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A 8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C 300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E 8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX, 78258	F
Phone	(713) 734-3090	Phone		G
Fax	(713) 734-3391	Fax		H
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com	I

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
12603647-TB01	6/14/23		Water	1.8	2					X						
-21B-20230615	6/16/23	1700	GW	1,3,8	8	X	X	X	X							
-21C-20230615	6/15/23	1315	GW	1,3,8	6	X		X	X							
-20230615	6/15/23	1220	GW	1,3,8	6	X	X	X	X							
-20230615	6/15/23	1200	GW	1,3,8	6	X	X	X	X							
-04-20230615	6/15/23	1245	GW	1,3,8	6	X	X	X	X							

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Data
[ ] Level IV SW846/CLP
[ ] Other
[ ] TRRP Check
[ ] TRRP Level

	Date	Time	
Relinquished by:	6/15/23	10:00	Received by:
Relinquished by:	Date:	Time:	Received by (Laboratory): 06162023 0930
Relinquished by (Laboratory):	Date:	Time:	Checked by (Laboratory):

1-HNO3 2-H2SO4 3-HCl 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

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ALS
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Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

CUSTODY SEAL
Date: 6/15/23 Time: 1905
Name:
Company:
Seal Broken By:
Date: 6/16/23

Stancliff Rd., Suite 210
n, Texas 77099
281 530 5656
281 530 5887

CU
Date: 6/16/23
Name:
Company:

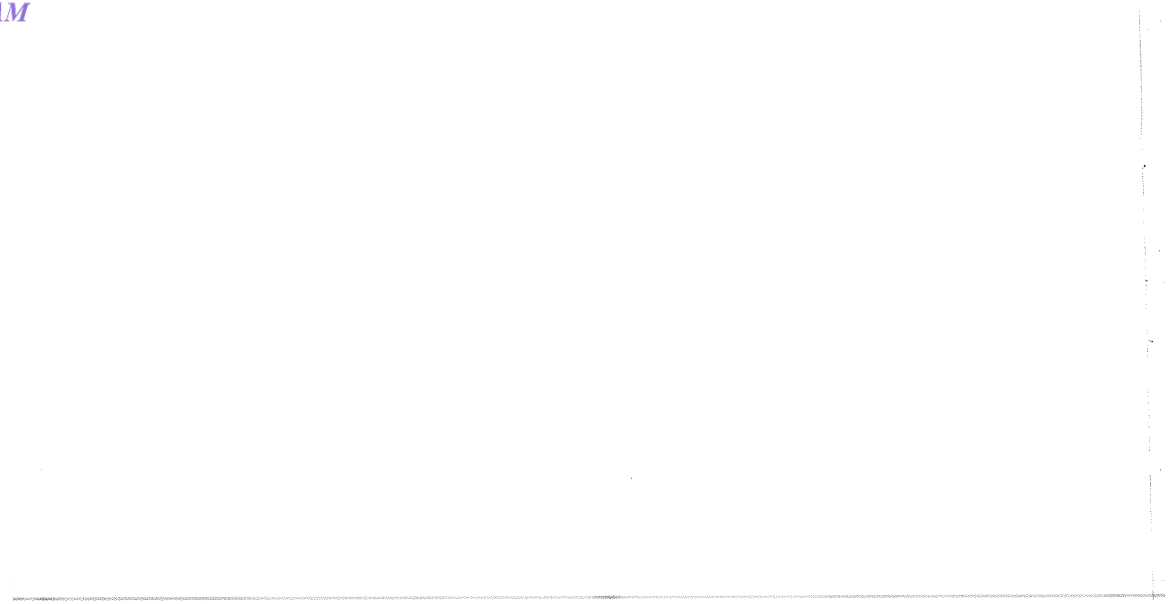
STODY SEAL
Time: 1600
Date: 6/16/23

FedEx
TRK# 0221 6230 3000 5859
FRI – 16 JUN 10:30A
PRIORITY OVERNIGHT
XA SGRA
77099
TX-US IAH

0 5848
FRI – 16 JU 10:30A
PRIORITY OVERNIGHT
GRA
77099
TX-US IAH

6230 3000 5826
FRI – 16 JUN 10:30A
PRIORITY OVERNIGHT
XA SGRA
77099
TX-US IAH

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Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page _____ of _____

COC ID: 268245

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	6-HO-20230615	6/15/23	1625	GW	1,3,8	6	X	X	X	X							
3	6-15-20230615	6/15/23	1515	GW	1,8	5	X	X									
4	6-08-20230615	6/15/23	1600	GW	1,8	3	X										
5	6-19-20230615	6/15/23	1050	GW	1,8	3	X										
6	DUP01-20230615	6/15/23	—	GW	1,8	3	X										
7	6-09-20230615	6/15/23	1245	GW	1,8	5	X	X									
8	6-36-20230615	6/15/23	1110	GW	1,8	3	X										
9	6-10-20230615	6/15/23	1545	GW	1,8	5	X	X									
10	6-44-20230615	6/15/23	1130	GW	1,8	3	X										

Sampler(s) Please Print & Sign

Shipment Method

Required Turnaround Time: (Check Box) ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date: ~~1800~~ 6/16/23	Time: 1800	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	06/16/2023 0930
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM, MW- should be 6-

Cooler ID	Cooler Temp.
49071	3.3 IR3
43693	-0.1 IR
	3.4 IR
30625	2.4 IR

QC Package: (Check One Box Below)

☒ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS Group USA Corp dba ALS Environmental Terms& Conditions
April 2013

General: These Terms and Conditions embody the entire agreement ("Agreement") of the parties in the absence of a signed and executed contract between any of ALS Testing Services Group Inc and each of its wholly owned subsidiaries ("LAB") and Client, and the placement of an order for or receipt of samples for analysis based on this Agreement will constitute acceptance of the Agreement by the Client. This Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. LAB specifically rejects all additional, inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from Client to LAB. The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Agreement.

No waiver by LAB of any provision, term or condition hereof or of any breach by or obligation of Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of Client. This Agreement shall be administered and interpreted under the laws of the state of Texas.

Provision of Services: LAB will provide the services described in the accompanying tender, quotation, letter, fax or email ("Services").

Where applicable, LAB will use analytical methodologies which are in substantial conformity with certified and/or other recognized applicable methodologies, exercising the same degree of skill, care and diligence that would be exercised by professional service providers in similar circumstances. LAB reserves the right to deviate from these methodologies, if necessary or appropriate, due to the nature or composition of the sample or otherwise, based on the reasonable judgment of LAB. Deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or LAB's standard operating procedures.

The Client acknowledges that it is the Client's sole responsibility to make its own assessment of the suitability for any purpose of the Services, detection limits and confidence intervals inherent in LAB's standard testing methodology, the LAB Report and its contents. It is necessary for LAB to assume that the paperwork submitted with a sample describes the testing protocol desired. Any changes to this protocol must be submitted to LAB in writing. LAB is in no way responsible for analytical method choice unless LAB is informed of all project aspects, LAB's opinion is solicited and given, and all remuneration owed by Client to LAB is received.

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LAB may delegate the performance of all or part of the Services to another qualified laboratory within the LAB network. If any work must be subcontracted to a third party laboratory not in the LAB network, LAB will contact Client for approval. In all cases Client will be informed.

Fees and Payment: Payment terms are 30 days from the date of invoice (Due Date), unless negotiated otherwise prior to the placement of an order or submission of samples. Any such variance from the standard payment terms must be stipulated separately in writing in the Agreement.

All prices quoted by LAB are exclusive of sales, use of other taxes unless stated otherwise.

All fees due and payable after the Due Date **(Outstanding Amount)** will be subject to the payment of interest at a rate of 1.5% per month of the Outstanding Amount from the Due Date up to and including the date of payment, unless LAB and the Client otherwise agree in writing. The Client will indemnify LAB for any fees incurred by LAB to recover the Outstanding Amount, including any solicitor fees, or collection agency fees.

All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without third party credit approval by LAB. If changes are made after the originally requested testing is initiated or has been completed, the Client must accept payment responsibility for the work completed.

A surcharge is usually added to the fee if expedited analysis is requested. The surcharge will depend upon the analysis to be performed. Expedited service is offered contingent upon availability and pre-arrangement with LAB.

LAB reserves the right to review prices at any time if significant changes to LAB's costs are incurred that are beyond LAB's control. Such changes may include, but are not limited to, changes in legislative requirements, changes to the number of samples, analytes requested, turnaround required, reporting requirements, or project scheduling.

LAB reserves the right to require payment prior to release of data. Until such time as Client invoices are paid in full, LAB has no obligation, and will not defend, reproduce, return, or supplement data results.

Compensation for Services performed will be based on the current LAB Analytical Fee Schedule, or on quotations agreed to in writing by the parties. Unless specifically indicated on the written confirmation of quotation, analytical turnaround times are not guaranteed. The minimum charge will be $100.00 unless otherwise noted. Prorated fees may be charged if project is terminated before completion.

Warranty: Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing Services, obtain findings and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of Services. LAB MAKES NO OTHER WARRANTIES OF ANY KIND AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Preliminary results may be given in advance of the laboratory report, in LAB's sole discretion. Such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk.

LAB does not endorse or place any assurance on any product not made directly by LAB.

LAB is an independent testing laboratory testing samples sent to LAB facilities by third parties. LAB has no responsibility regarding how, where or when the samples are taken, except where LAB itself performs the sampling and then only to the extent LAB had full discretion concerning sampling.

Performance: LAB recognizes that time is of the essence and upon timely delivery of samples will use its best efforts in meeting mutually agreed upon turnaround times and data requirements. However, LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) when changes in project scheduling or scope, affect the LABs ability to meet project requirements. LAB will strive to accommodate such changes but is not liable for non-performance due to Client variations to scheduling or scope and LAB will not be liable whatsoever for holding times that are exceeded due to such changes.

Indemnification: The Client hereby releases and indemnifies and shall continue to release and indemnify LAB, its officers, employees and agents from and against all actions, claims (actual or threatened), proceedings or demands (including any costs and expenses in defending or servicing same) which may be brought against it or them, in respect of any loss (including Consequential Loss), death, injury, illness or damage to persons or property, and whether direct or indirect and in respect of any breach of any industrial or intellectual property rights, howsoever arising out of the use of, reliance on, or benefit of, the Services or any LAB Report, except to the extent that the loss, death, injury, illness or damage to persons or property was directly caused by the negligence, willful acts or omissions of LAB or its employees.

Limitation of Liability: The liability of LAB is limited to negligent acts or omissions and arising out of or in association with the provision of the Services under this Agreement and caused solely by the LAB, and to the sole and exclusive responsibility of LAB to re-perform any deficient work at LAB's own expense and no other liability whatsoever.

Notwithstanding any other provision of the Agreement, and except to the extent that liability cannot be limited or excluded by law:

- the LAB will not be liable to the Client and its Personnel for any indirect loss whatsoever, including consequential loss, loss of profits, or economic loss;
- the LAB's cumulative liability to the Client for any loss or damage whatsoever which arises under or in connection with this Agreement or the provision of Services (excluding loss or damage to real or personal property, or personal injury to persons), and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to the value of the Services provided; and
- the LAB's cumulative liability to the Client and its Personnel for any loss or damage to real or personal property whatsoever which arises under or in connection with this Agreement or the provision of Services, and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to an amount recovered by the LAB under its policies of insurance.

All results provided by LAB are strictly for the use of Client, and LAB is in no way responsible for the use of such results by third parties other than Client. All results should be considered in their entirety as presented in the report provided, and LAB is not responsible for the separation, detachment, or other use of any portion of the results. Results apply only to the items (samples) submitted to LAB for analysis, individual items (samples) analyzed, and listed in specific LAB data reports.

All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of Services.

Client's Obligations: The Client will ensure that all personnel, information, samples, test materials, access to facilities and infrastructure, assistance, records, documentation and facilities needed by LAB to perform the Services, are available when reasonably required by LAB.

The Client will give written notice to LAB of all known safety or health hazards and special procedures applicable to the performance of the Services, and the safe handling, testing, storage, transport and disposal of samples submitted to LAB (including whether or not the disposal of samples may cause contamination) or the Client's facilities or infrastructure in which LAB is partly or wholly performing the Services. LAB may in its absolute discretion, refuse to provide part or all of the Services where it determines that the provision of part or all of the Services may pose a health or safety hazard.

The Client must take all necessary steps to remove or remedy any known safety or health hazards, or any obstacles to or anything that is likely to interrupt the performance of the Services by LAB.

Termination: LAB may suspend or terminate its obligations under this Agreement if (a) monies payable to LAB by the client are outstanding 90 days or more (unless otherwise agreed) after the date of invoice, (b) other substantial breach by the Client of their obligations under the Agreement, which breach is not remedied within 30 days of written notice from LAB requiring the breach to be remedied, (c) by giving the Client 60 days written notice of LAB's intention to terminate.

The Client may terminate its obligations under this Agreement in the event of a substantial breach by LAB of its obligations under the Agreement, which breach has not been remedied within 30 days of written notice from the Client to LAB requiring the breach to be remedied.

If LAB, acting reasonably, suspects that the Client is insolvent or is having difficulties paying its debts as and when they become due, or the Client is insolvent, LAB may give written notice to the Client of LAB's intention to immediately suspend or terminate is obligations under this Agreement.

In the event of termination, LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Intellectual Property: LAB Intellectual Property means all intellectual property and proprietary rights (whether registered or unregistered) owned by LAB prior to performance of the Services, developed by LAB in performance of the Services, or developed by LAB outside of, or after, performance of the Services, and without limitation includes business names, trade or service marks, any right to have information (including confidential information) kept confidential, patents, patent applications, drawings, discoveries, inventions, improvements, trade secrets, technical data, formulae, databases, know-how, logos, designs, design rights, copyright and similar industrial or intellectual property rights.

All LAB Intellectual Property will remain the property of LAB.

LAB grants to the Client a world-wide, non-exclusive, royalty free license to use LAB Intellectual Property for the purpose agreed to between the Client and LAB to the extent that it is needed for the enjoyment and benefit of the Services.

Confidential Information: Confidential Information means all information in relation to a disclosing party, its business, operations, products, processes, customers, suppliers or contractors which is or might reasonably be considered by the disclosing party to be confidential, including all technical data, formulae, specifications, diagrams, plans, drawings, sketches, designs, business plans and reports, business methods and systems, business records, production information, unpublished financial accounts and reports, discount and supply agreements, subcontractor lists, customer lists, except to the extent that such information is lawfully in the public domain.

Neither LAB nor the Client will disclose Confidential Information of the other party to any third party without the prior written consent of the other party, unless required by law or the rules of a relevant stock exchange. LAB and the Client will only use Confidential Information of the other party for the purpose of the supply of the Services.

Reports: Any report, findings, results, statement, certification issued by LAB **(LAB Report)** is issued on the basis of testing of samples or materials, information, or documents provided by, or on behalf of, the Client. The Client will indemnify and hold harmless LAB, its officers, employees, agents and subcontractors for any claim whatsoever in relation to any LAB Report arising from undue, erroneous, incomplete, misleading or false information provided to LAB, or arising from any incorrect or defective materials or samples provided to LAB.

Each LAB Report is issued on the testing of samples or specific materials using established data quality objectives, and contains LAB's results and opinions (if provided) on those samples or specific materials only. Each LAB Report is solely for the benefit of the Client, its officers and employees. The LAB Report has been commissioned by the Client on the terms and conditions contained in this Agreement.

- the LAB Report has been prepared at the request of the Client for the purpose agreed between the Client and LAB. The Client may disclose the report to a third party for that purpose only, but LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) to that third party. Any disclosure to a third party must be of the whole of the LAB Report, including LAB's disclaimer notice which is substantially the same as the terms outlined in this clause.
- LAB reserves its right to review, update or supplement any LAB Report. Any further information will be provided subject to the terms of this Agreement.

The Client indemnifies LAB, its directors, employees, agents, consultants, contractors, successors in title and assigns against any claim made against any or all of them by third parties arising out of either the disclosure of any LAB Report, whether directly or indirectly by the Client, to a third party, or any reproduction or publication of an extract of any LAB Report.

The Client acknowledges and agrees that any action, inaction, or decision of the Client in response to the LAB Report will be determined by the Client. Neither LAB nor any of its officers, employees, agents, or subcontractors will be liable to the Client or any third party for any action or inaction of the Client in response to any LAB Report.

LAB will retain Client data and Confidential Information for 5 years from date of the final LAB Report.

Sample Handling: Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss of or damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation by a LAB employee. In no event will LAB have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from LAB's premises.

LAB will use its best efforts to arrange for the shipment of specially prepared sample bottles. Compliance instructions per Client instruction by the readily available, least cost ground shipping method. Any other shipment arrangements or overnight shipping requirements will be at Client's expense. Client is responsible for the cost of shipping samples to the laboratory. Storage time of samples will be subject to requirements under applicable recognized regulations or methods.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of LAB: (a) is of unsuitable amount; (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client; or (c) has been delivered to the LAB more than seventy-two (72) hours after sampling or if one half (1/2) or more of the recommended holding time for the analysis has lapsed. LAB will advise the Client of samples which are missing or received in damaged, contaminated, or improperly preserved condition, or the documentation is inaccurate as described between the sample container label and the Chain of Custody form.

When extended or special storage conditions are required, samples are held without analysis, or special disposal procedures are necessary, LAB may add storage and disposal fees to the final invoice. LAB also reserves the right to bill the Client for sample or shipping containers provided but not returned.

Unless the Client provides LAB with instructions concerning disposal, samples will be disposed of according to standard LAB procedures. Unused samples may be returned to the Client as agreed upon by LAB and Client. The Client acknowledges that during the performance of the Services, Client samples or portions thereof may be altered or destroyed as part of the testing protocol.

Force Majeure If LAB is prevented in whole or in part from performing its obligations by a Force Majeure Event, LAB may suspend performance of those obligations by giving written notice to the Client. Any non-performance or delay in performance resulting from the Force Majeure Event will not be deemed to be a breach of this Agreement.

If a suspension under this clause 14 exceeds 90 days, LAB may immediately terminate the Agreement by written notice to the Client. In the event of termination, LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort, including negligence.

Use of LAB's Name. Client shall not use LAB's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever. The Client shall not attribute to LAB any test result, tolerance or specification derived from LAB's data ("Attribution"), except to the extent that such attribution is required for disclosure to regulatory or reporting agencies or groups requiring disclosure of the name of LAB, without LAB's prior written consent, which may be withheld by LAB for any reason in its sole discretion. To request LAB's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If LAB has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use LAB's name or trademark in any Materials or Attribution shall be deemed denied. LAB may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests, in accordance with Section 3. Client acknowledges and agrees that the unauthorized use of LAE's name or trademark in violation of this Section 16 shall cause LAB to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation of this Section 16 shall justify preliminary injunctive relief.

Attorneys' Fees and Costs. If any action or proceeding is commenced to enforce or interpret any of the terms or conditions of this Agreement or the performance thereof, including the collection of any payments due hereunder, the prevailing party will be entitled to recover all reasonable attorneys fees, costs and expenses, including staff time at current billing rates, court costs, and other claim-related expenses. If LAB is requested to respond to any mandatory orders for the production of documents or witnesses on CLIENT's behalf regarding work performed by LAB, CLIENT agrees to pay all costs and expenses incurred by LAB not reimbursed by others in responding to such order, including attorney's fees, staff time at current billing rates and reproduction expenses.

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Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page _____ of _____

COC ID: 268246

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information	
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023
Work Order		Project Number	12603647
Company Name	GHD	Bill To Company	Transwestern Pipeline Company
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258
Phone	(713) 734-3090	Phone	
Fax	(713) 734-3391	Fax	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co

A: 8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
B: PCB_W_Total (8082 PCB) [2x1L Am G Neat]
C: 300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
D: TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
E: 8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
F:
G:
H:
I:
J:

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	1-14-20230615	06/15/23	1415	water	1,3,C	8	X	X	X	X							
3	6-22B-20230615	06/15/23	1330	GW	1,3,8	8	X	X	X	X							
4	6-20C-20230615	6/15/23	1445	GW	8,1	5	X	X									
5	6-22C-20230615	6/15/23	1400	GW	1,3,8	8	X	X	X	X							
6	6-20B-20230615	6/15/23	1445	GW	1,8	5	X	X									
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
	6/15/23	1800	
Relinquished by:	Date:	Time:	Received by (Laboratory):
			MB 6/16/23 09:30
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
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ALS Group USA Corp dba ALS Environmental Terms& Conditions
April 2013

General: These Terms and Conditions embody the entire agreement ("Agreement") of the parties in the absence of a signed and executed contract between any of ALS Testing Services Group Inc and each of its wholly owned subsidiaries ("LAB") and Client, and the placement of an order for or receipt of samples for analysis based on this Agreement will constitute acceptance of the Agreement by the Client. This Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. LAB specifically rejects all additional, inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from Client to LAB. The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Agreement.
No waiver by LAB of any provision, term or condition hereof or of any breach by or obligation of Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of Client. This Agreement shall be administered and interpreted under the laws of the state of Texas.

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LAB reserves the right to review prices at any time if significant changes to LAB's costs are incurred that are beyond LAB's control. Such changes may include, but are not limited to, changes in legislative requirements, changes to the number of samples, analytes requested, turnaround required, reporting requirements, or project scheduling.
LAB reserves the right to require payment prior to release of data. Until such time as Client invoices are paid in full, LAB has no obligation, and will not defend, reproduce, return, or supplement data results.
Compensation for services performed will be based on the current LAB Analytical Fee Schedule, or on quotations agreed to in writing by the parties. Unless specifically indicated on the written confirmation of quotation, analytical turnaround times are not guaranteed. The minimum charge will be $100.00 unless otherwise noted. Prorated fees may be charged if project is terminated before completion.

Warranty: Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing Services, obtain findings and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of Services. LAB MAKES NO OTHER WARRANTIES OF ANY KIND AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
Preliminary results may be given in advance of the laboratory report, in LAB's sole discretion. Such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk.
LAB does not endorse or place any assurance on any product not made directly by LAB.
LAB is an independent testing laboratory testing samples sent to LAB facilities by third parties. LAB has no responsibility regarding how, where or when the samples are taken, except where LAB itself performs the sampling and then only to the extent LAB had full discretion concerning sampling.

Performance: LAB recognizes that time is of the essence and upon timely delivery of samples will use its best efforts in meeting mutually agreed upon turnaround times and data requirements. However, LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) when changes in project scheduling or scope, affect the LABs ability to meet project requirements. LAB will strive to accommodate such changes but is not liable for non-performance due to Client variations to scheduling or scope and LAB will not be liable whatsoever for holding times that are exceeded due to such changes.

Indemnification: The Client hereby releases and indemnifies and shall continue to release and indemnify LAB, its officers, employees and agents from and against all actions, claims (actual or threatened), proceedings or demands (including any costs and expenses in defending or servicing same) which may be brought against it or them, in respect of any loss (including Consequential Loss), death, injury, illness or damage to persons or property, and whether direct or indirect and in respect of any breach of any industrial or intellectual property rights, howsoever arising out of the use of, reliance on, or benefit of, the Services or any LAB Report, except to the extent that the loss, death, injury, illness or damage to persons or property was directly caused by the negligence, willful acts or omissions of LAB or its employees.

Limitation of Liability: The liability of LAB is limited to negligent acts or omissions and arising out of or in association with the provision of the Services under this Agreement and caused solely by the LAB, and to the sole and exclusive responsibility of LAB to re-perform any deficient work at LAB's own expense and no other liability whatsoever.
Notwithstanding any other provision of the Agreement, and except to the extent that liability cannot be limited or excluded by law:

- the LAB will not be liable to the Client and its Personnel for any indirect loss whatsoever, including consequential loss, loss of profits, or economic loss;
- the LAB's cumulative liability to the Client for any loss or damage whatsoever which arises under or in connection with this Agreement or the provision of Services (excluding loss or damage to real or personal property, or personal injury to persons), and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to the value of the Services provided; and
- the LAB's cumulative liability to the Client and its Personnel for any loss or damage to real or personal property whatsoever which arises under or in connection with this Agreement or the provision of Services, and whether by way of an indemnity or statute, in tort (for negligence or otherwise), or on any other basis in law or equity, is limited to an amount recovered by the LAB under its policies of insurance.

All results provided by LAB are strictly for the use of Client, and LAB is in no way responsible for the use of such results by third parties other than Client. All results should be considered in their entirety as presented in the report provided, and LAB is not responsible for the separation, detachment, or other use of any portion of the results. Results apply only to the items (samples) submitted to LAB for analysis, individual items (samples) analyzed, and listed in specific LAB data reports.
All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of Services.

Client's Obligations: The Client will ensure that all personnel, information, samples, test materials, access to facilities and infrastructure, assistance, records, documentation and facilities needed by LAB to perform the Services, are available when reasonably required by LAB.
The Client will give written notice to LAB of all known safety or health hazards and special procedures applicable to the performance of the Services, and the safe handling, testing, storage, transport and disposal of samples submitted to LAB (including whether or not the disposal of samples may cause contamination) or the Client's facilities or infrastructure in which LAB is partly or wholly performing the Services. LAB may in its absolute discretion, refuse to provide part or all of the Services where it determines that the provision of part or all of the Services may pose a health or safety hazard.
The Client must take all necessary steps to remove or remedy any known safety or health hazards, or any obstacles to or anything that is likely to interrupt the performance of the Services by LAB.

Termination: LAB may suspend or terminate its obligations under this Agreement if (a) monies payable to LAB by the client are outstanding 60 days or more (unless otherwise agreed) after the date of invoice, (b) other substantial breach by the Client of their obligations under the Agreement, which breach is not remedied within 30 days of written notice from LAB requiring the breach to be remedied, (c) by giving the Client 60 days written notice of LAB's intention to terminate.
The Client may terminate its obligations under this Agreement in the event of a substantial breach by LAB of its obligations under the Agreement, which breach has not been remedied within 30 days of written notice from the Client to LAB requiring the breach to be remedied.
If LAB, acting reasonably, suspects that the Client is insolvent or is having difficulties paying its debts as and when they become due, or the Client is insolvent, LAB may give written notice to the Client of LAB's intention to immediately suspend or terminate its obligations under this Agreement.
In the event of termination, LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Intellectual Property: LAB Intellectual Property means all intellectual property and proprietary rights (whether registered or unregistered) owned by LAB prior to performance of the Services, developed by LAB in performance of the Services, or developed by LAB outside of, or after, performance of the Services, and without limitation includes business names, trade or service marks, any right to have information (including confidential information) kept confidential, patents, patent applications, drawings, discoveries, inventions, improvements, trade secrets, technical data, formulae, databases, know-how, logos, designs, design rights, copyright and similar industrial or intellectual property rights.
All LAB Intellectual Property will remain the property of LAB.
LAB grants to the Client a world-wide, non-exclusive, royalty free license to use LAB Intellectual Property for the purpose agreed to between the Client and LAB to the extent that it is needed for the enjoyment and benefit of the Services.

Confidential Information: Confidential Information means all information in relation to a disclosing party, its business, operations, products, processes, customers, suppliers or contractors which is or might reasonably be considered by the disclosing party to be confidential, including all technical data, formulae, specifications, diagrams, plans, drawings, sketches, designs, business plans and reports, business methods and systems, business records, production information, unpublished financial accounts and reports, discount and supply agreements, subcontractor lists, customer lists, except to the extent that such information is lawfully in the public domain.
Neither LAB nor the Client will disclose Confidential Information of the other party to any third party without the prior written consent of the other party, unless required by law or the rules of a relevant stock exchange. LAB and the Client will only use Confidential Information of the other party for the purpose of the supply of the Services.

Reports: Any report, findings, results, statement, certification issued by LAB (LAB Report) is issued on the basis of testing of samples or materials, information, or documents provided by, or on behalf of, the Client. The Client will indemnify and hold harmless LAB, its officers, employees, agents and subcontractors for any claim whatsoever in relation to any LAB Report arising from unclear, erroneous, incomplete, misleading or false information provided to LAB, or arising from any incorrect or defective materials or samples provided to LAB.
Each LAB Report is issued on the testing of samples or specific materials using established data quality objectives, and contains LAB's results and opinions (if provided) on those samples or materials only.
Each LAB Report is prepared solely for the benefit of the Client, its officers and employees. The LAB Report has been commissioned by the Client on the terms and conditions contained in this Agreement:

- the LAB Report has been prepared at the request of the Client for the purpose agreed between the Client and LAB. The Client may disclose the report to a third party for that purpose only, but LAB does not accept any responsibility or liability (including, without limitation, liability for negligence) to that third party. Any disclosure to a third party must be of the whole of the LAB Report, including LAB's disclaimer notice which is substantially the same as the terms outlined in this clause;
- LAB reserves its right to review, update or supplement any LAB Report. Any further information will be provided subject to the terms of this Agreement.

The Client indemnifies LAB, its directors, employees, agents, consultants, contractors, successors in title and assigns against any claim made against any or all of them by third parties arising out of either the disclosure of any LAB Report, whether directly or indirectly by the Client, to a third party, or any reproduction or publication of an extract of any LAB Report.
The Client acknowledges and agrees that any action, inaction, or decision of the Client in response to the LAB Report will be determined by the Client. Neither LAB nor any of its officers, employees, agents, or subcontractors will be liable to the Client or any third party for any action or inaction of the Client in response to any LAB Report.
LAB will retain Client data and Confidential Information for 5 years from date of the final LAB Report.

Sample Handling: Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss of or damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on a chain of custody documentation by a LAB employee. In no event will LAB have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from LAB's premises.
LAB will use its best efforts to arrange for the shipment of specially prepared sample bottles, sampling instructions per Client instruction by the readily available, least cost ground shipping method. Any other shipment arrangements or overnight shipping requirements will be at Client's expense. Client is responsible for the cost of shipping samples to the laboratory. Storage time of samples will be subject to requirements under applicable recognized regulations or methods.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of LAB: (a) is of unsuitable amount; (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client; or (c) has been delivered to the LAB more than seventy-two (72) hours after sampling or if one half (1/2) or more of the recommended holding time for the analysis has lapsed. LAB will advise the Client of samples which are missing or received in damaged, contaminated, or improperly preserved condition, or the documentation is inaccurate as described between the sample container label and the Chain of Custody form.
When extended or special storage conditions are required, samples are held without analysis, or special disposal procedures are necessary, LAB may add storage and disposal fees to the final invoice. LAB also reserves the right to bill the Client for sample or shipping containers provided but not returned.
Unless the Client provides LAB written instructions concerning disposal, samples will be disposed of according to standard LAB procedures. Unused samples may be returned to the Client as agreed upon by LAB and Client. The Client acknowledges that during the performance of the Services, Client samples or portions thereof may be altered or destroyed as part of the testing protocol.

Force Majeure If LAB is prevented in whole or in part from performing its obligations by a Force Majeure Event, LAB may suspend performance of those obligations by giving written notice to the Client. Any nonperformance or delay in performance resulting from the Force Majeure Event will not be deemed to be a breach of this Agreement.
If a suspension under this clause 14 exceeds 90 days, LAB may immediately terminate the Agreement by written notice to the Client. In the event of termination, LAB is entitled to be paid for all work performed before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort, including negligence.

Use of LAB's Name. Client shall not use LAB's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever. The Client shall not attribute to LAB any test result, tolerance or specification derived from LAB's data ("Attribution"), except to the extent that such attribution is required for disclosure to regulatory or reporting agencies or groups requiring disclosures of the name of LAB, without LAB's prior written consent, which may be withheld by LAB for any reason in its sole discretion. To request LAB's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If LAB has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use LAB's name or trademark in any Materials or Attribution shall be deemed denied. LAB may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests, in accordance with Section 3. Client acknowledges and agrees that the unauthorized use of LAB's name or trademark in violation of this Section 16 shall cause LAB to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation of this Section 16 shall justify preliminary injunctive relief.

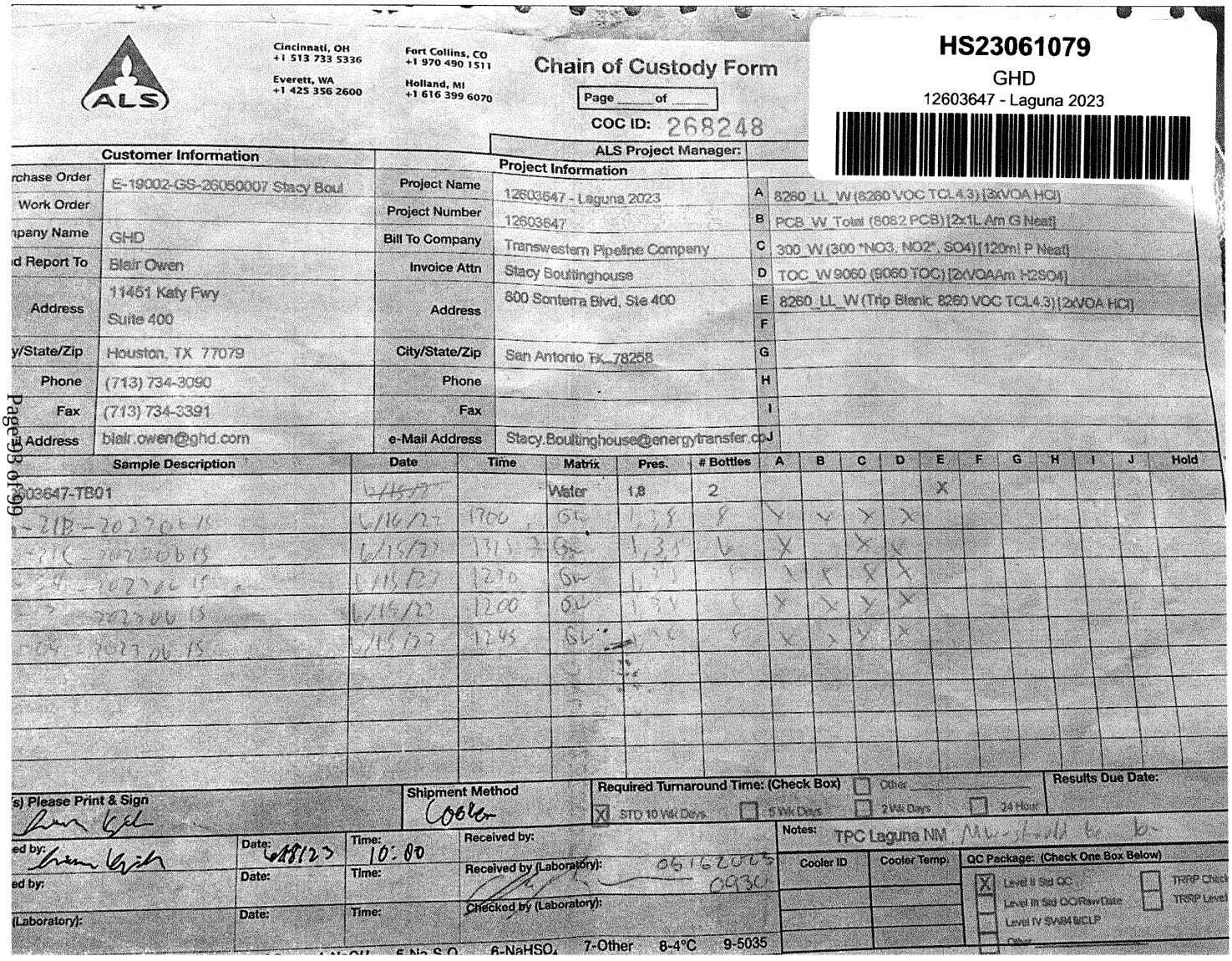
Attorneys' Fees and Costs. If any action or proceeding is commenced to enforce or interpret any of the terms or conditions of this Agreement or the performance thereof, including the collection of any payments due hereunder, the prevailing party will be entitled to recover all reasonable attorneys' fees, costs and expenses, including staff time at current billing rates, court costs, and other claim-related expenses. If LAB is requested to respond to any mandatory orders for the production of documents or witnesses on CLIENT's behalf regarding work performed by LAB, CLIENT agrees to pay all costs and expenses incurred by LAB not reimbursed by others in responding to such order, including attorney's fees, staff time at current billing rates and reproduction expenses.

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Chain of Custody Form

Page ____ of ____

COC ID: 268248

HS23061079
GHD
12603647 - Laguna 2023

Customer Information		Project Information		ALS Project Manager:
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A 8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B PCB_W Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C 300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E 8260_LL_W (Trip Blank 8260 VOC TCL4.3) [2xVOA HCl]
				F
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G
Phone	(713) 734-3090	Phone		H
Fax	(713) 734-3391	Fax		I
Email Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com	J

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
12603647-TB01	6/15/23		Water	1,8	2					X						
FS-21B-20230616	6/16/23	1700	GW	1,3,8	8	X	X	X	X							
FS-21C-20230615	6/15/23	1315	GW	1,3,8	6	X		X	X							
FS-21D-20230615	6/15/23	1230	GW	1,3,8	6	X	X	X	X							
FS-21E-20230616	6/16/23	1200	GW	1,3,8	6	X	X	X	X							
FS-21F-20230615	6/15/23	1245	GW	1,3,8	6	X	X	X	X							

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other ____

Results Due Date:

Notes: TPC Laguna NM Mississippi to b-

Relinquished by:	Date:	Time:	Received by:
Blair Owen	6/18/23	10:00	
Relinquished by:	Date:	Time:	Received by (Laboratory): 06/16/2023 0930
(Laboratory):	Date:	Time:	Checked by (Laboratory):

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Data
[ ] Level IV SW846/CLP
[ ] Other ____
[ ] TRRP Check
[ ] TRRP Level

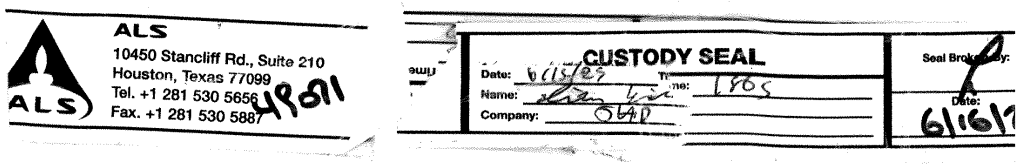
Please Print & Sign

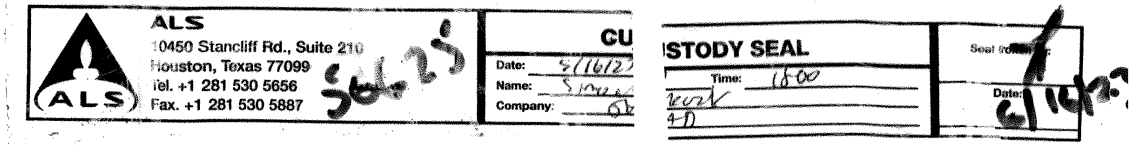
1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

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Chain of Custody Form

Page _____ of _____

COC ID: 268246

HS23061079

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	1-14-20230615	06/15/23	1415	water	1,3,5	8	X	X	X	X							
3	6-22B-20230615	06/15/23	1330	GW	1,3,8	8	X	X	X	X							
4	6-20C-20230615	6/15/23	1445	GW	8,1	5	X	X									
5	6-22C-20230615	6/15/23	1400	GW	1,3,8	8	X	X	X	X							
6	6-20B-20230615	6/15/23	1445	GW	1,5	5	X	X									
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date: 6/15/23	Time: 1800	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): MB 6/16/23	09:30
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- ☒ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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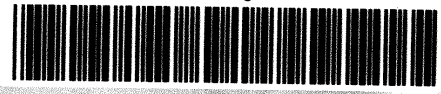
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HS23061079

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12603647 - Laguna 2023



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Everett, WA +1 425 356 2600 | Holland, MI +1 616 399 6070

Chain of Custody Form

Page ____ of ____

COC ID: 268248

Customer Information		Project Information		ALS Project Manager:	
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio Tx, 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co	J	

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
12603647-TB01	6/15/23		Water	1,8	2					X						
b-21B-20230616	6/16/23	1700	GW	1,3,8	8	X	X	X	X							
b-21C-20230615	6/15/23	1315	GW	1,3,1	6	X		X	X							
b-24-20230615	6/15/23	1230	GW	1,3,1	6	X	X	X	X							
b-25-20230615	6/15/23	1200	GW	1,3,1	6	X	X	X	X							
b-26-20230615	6/15/23	1245	GW	1,3,1	6	X	X	X	X							

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other ____ Results Due Date:

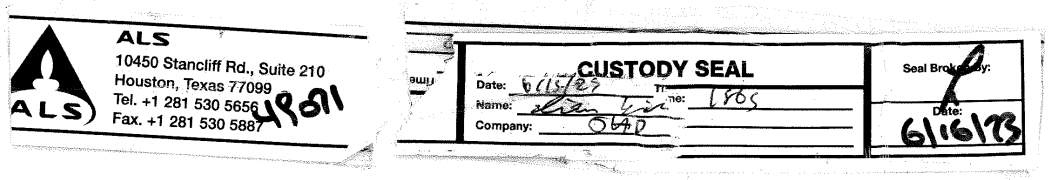
Notes: TPC Laguna NM

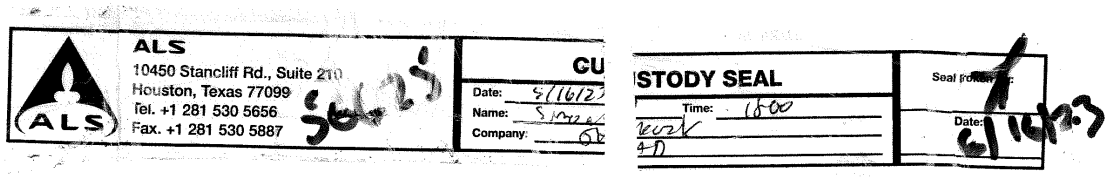
Relinquished by:	Date:	Time:	Received by:
	6/15/23	10:00	
Relinquished by:	Date:	Time:	Received by (Laboratory): 05/16/2023 0930
Relinquished by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Cooler ID	Cooler Temp.

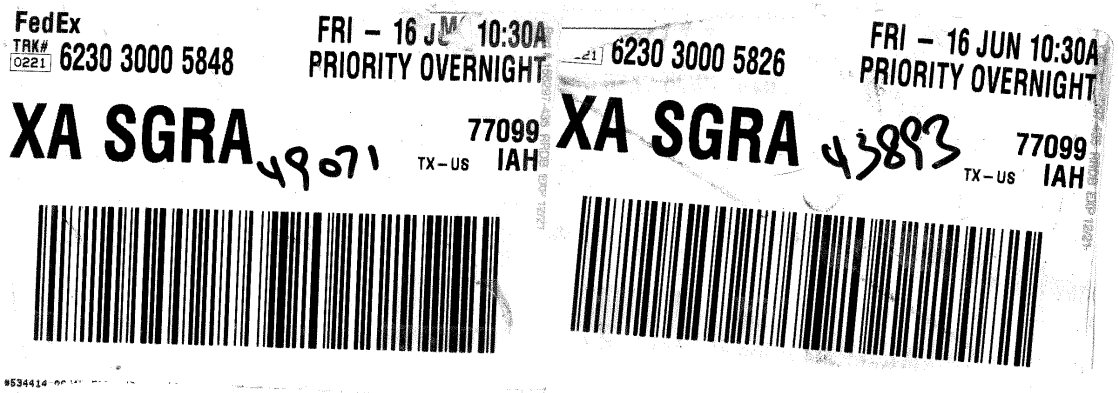
QC Package: (Check One Box Below)
[X] Level II Std QC [ ] TRRP Ch
[ ] Level III Std QC/Raw Data [ ] TRRP Le
[ ] Level IV SW846/CLP
[ ] Other ____

1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035









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10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

July 17, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23061157**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 15 sample(s) on Jun 17, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23061157

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23061157-01	12603647-TB01	Water		16-Jun-2023 00:00	17-Jun-2023 09:45	☐
HS23061157-02	6-12-20230616	Groundwater		16-Jun-2023 11:10	17-Jun-2023 09:45	☐
HS23061157-03	6-16-20230616	Groundwater		16-Jun-2023 11:30	17-Jun-2023 09:45	☐
HS23061157-04	6-18-20230616	Groundwater		16-Jun-2023 10:20	17-Jun-2023 09:45	☐
HS23061157-05	6-41-20230616	Groundwater		16-Jun-2023 10:45	17-Jun-2023 09:45	☐
HS23061157-06	6-42-20230616	Groundwater		16-Jun-2023 10:30	17-Jun-2023 09:45	☐
HS23061157-07	6-45-20230616	Groundwater		16-Jun-2023 11:50	17-Jun-2023 09:45	☐
HS23061157-08	6-46-20230616	Groundwater		16-Jun-2023 12:05	17-Jun-2023 09:45	☐
HS23061157-09	6-47-20230616	Groundwater		16-Jun-2023 12:20	17-Jun-2023 09:45	☐
HS23061157-10	6-48-20230616	Groundwater		16-Jun-2023 12:55	17-Jun-2023 09:45	☐
HS23061157-11	6-09-20230616	Groundwater		16-Jun-2023 14:00	17-Jun-2023 09:45	☑
HS23061157-12	6-28-20230616	Groundwater		16-Jun-2023 13:30	17-Jun-2023 09:45	☐
HS23061157-13	6-49B-20230616	Groundwater		16-Jun-2023 12:40	17-Jun-2023 09:45	☐
HS23061157-14	6-48B-20230616	Groundwater		16-Jun-2023 12:50	17-Jun-2023 09:45	☐
HS23061157-15	6-33-20230616	Groundwater		16-Jun-2023 13:30	17-Jun-2023 09:45	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23061157

ECD Organics by Method SW8082

Batch ID: 196525

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Volatiles by Method SW8260

Batch ID: R439800

Sample ID: HS23061354-03MS

- MS/MSD was performed on an unrelated sample.

Batch ID: R439641

Sample ID: CCV

- Acetone exceeded %D recovery limits for CCV .Samples are ND for this compound.

Sample ID: VLCSW-230622

- 1,1,2-Trichlor-1,2,2-trifluoroethane and Chloroethane exceeded QC limits for LCS. Samples are ND for these compounds.

Sample ID: HS23061499-01MS

- MS/MSD was performed on an unrelated sample.

Batch ID: R439529

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 16-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,1,2-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,1-Dichloroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,1-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,2-Dibromoethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,2-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,2-Dichloroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,2-Dichloropropane	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,3-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
1,4-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
2-Butanone	U		0.0020	mg/L	1	21-Jun-2023 18:44
2-Hexanone	U		0.0020	mg/L	1	21-Jun-2023 18:44
4-Methyl-2-pentanone	U		0.0020	mg/L	1	21-Jun-2023 18:44
Acetone	U		0.0020	mg/L	1	21-Jun-2023 18:44
Benzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Bromodichloromethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Bromoform	U		0.0010	mg/L	1	21-Jun-2023 18:44
Bromomethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Carbon disulfide	U		0.0020	mg/L	1	21-Jun-2023 18:44
Carbon tetrachloride	U		0.0010	mg/L	1	21-Jun-2023 18:44
Chlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Chloroethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Chloroform	U		0.0010	mg/L	1	21-Jun-2023 18:44
Chloromethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 18:44
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Cyclohexane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Dibromochloromethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Dichlorodifluoromethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Ethylbenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Isopropylbenzene	U		0.0010	mg/L	1	21-Jun-2023 18:44
m,p-Xylene	U		0.0020	mg/L	1	21-Jun-2023 18:44
Methyl acetate	U		0.0010	mg/L	1	21-Jun-2023 18:44
Methyl tert-butyl ether	U		0.0010	mg/L	1	21-Jun-2023 18:44
Methylcyclohexane	U		0.0010	mg/L	1	21-Jun-2023 18:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 16-Jun-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	21-Jun-2023 18:44
o-Xylene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Styrene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Tetrachloroethene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Toluene	U		0.0010	mg/L	1	21-Jun-2023 18:44
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 18:44
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Trichloroethene	U		0.0010	mg/L	1	21-Jun-2023 18:44
Trichlorofluoromethane	U		0.0010	mg/L	1	21-Jun-2023 18:44
Vinyl chloride	U		0.0010	mg/L	1	21-Jun-2023 18:44
Xylenes, Total	U		0.0010	mg/L	1	21-Jun-2023 18:44
Surr: 1,2-Dichloroethane-d4	*111*		*70-126*	*%REC*	*1*	*21-Jun-2023 18:44*
Surr: 4-Bromofluorobenzene	*94.5*		*77-113*	*%REC*	*1*	*21-Jun-2023 18:44*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*21-Jun-2023 18:44*
Surr: Toluene-d8	*111*		*82-127*	*%REC*	*1*	*21-Jun-2023 18:44*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-12-20230616
Collection Date: 16-Jun-2023 11:10

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,1,2-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,1-Dichloroethane	**0.048**		**0.0010**	**mg/L**	1	21-Jun-2023 22:51
1,1-Dichloroethene	**0.018**		**0.0010**	**mg/L**	1	21-Jun-2023 22:51
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,2-Dibromoethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,2-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,2-Dichloroethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,2-Dichloropropane	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,3-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
1,4-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
2-Butanone	U		0.0020	mg/L	1	21-Jun-2023 22:51
2-Hexanone	U		0.0020	mg/L	1	21-Jun-2023 22:51
4-Methyl-2-pentanone	U		0.0020	mg/L	1	21-Jun-2023 22:51
Acetone	U		0.0020	mg/L	1	21-Jun-2023 22:51
Benzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Bromodichloromethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Bromoform	U		0.0010	mg/L	1	21-Jun-2023 22:51
Bromomethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Carbon disulfide	U		0.0020	mg/L	1	21-Jun-2023 22:51
Carbon tetrachloride	U		0.0010	mg/L	1	21-Jun-2023 22:51
Chlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Chloroethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Chloroform	U		0.0010	mg/L	1	21-Jun-2023 22:51
Chloromethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 22:51
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Cyclohexane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Dibromochloromethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Dichlorodifluoromethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Ethylbenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Isopropylbenzene	U		0.0010	mg/L	1	21-Jun-2023 22:51
m,p-Xylene	U		0.0020	mg/L	1	21-Jun-2023 22:51
Methyl acetate	U		0.0010	mg/L	1	21-Jun-2023 22:51
Methyl tert-butyl ether	U		0.0010	mg/L	1	21-Jun-2023 22:51
Methylcyclohexane	U		0.0010	mg/L	1	21-Jun-2023 22:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-12-20230616
Collection Date: 16-Jun-2023 11:10

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	21-Jun-2023 22:51
o-Xylene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Styrene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Tetrachloroethene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Toluene	U		0.0010	mg/L	1	21-Jun-2023 22:51
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 22:51
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Trichloroethene	U		0.0010	mg/L	1	21-Jun-2023 22:51
Trichlorofluoromethane	U		0.0010	mg/L	1	21-Jun-2023 22:51
Vinyl chloride	U		0.0010	mg/L	1	21-Jun-2023 22:51
Xylenes, Total	U		0.0010	mg/L	1	21-Jun-2023 22:51
Surr: 1,2-Dichloroethane-d4	*112*		*70-126*	*%REC*	*1*	*21-Jun-2023 22:51*
Surr: 4-Bromofluorobenzene	*91.7*		*77-113*	*%REC*	*1*	*21-Jun-2023 22:51*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*21-Jun-2023 22:51*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*1*	*21-Jun-2023 22:51*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	22-Jun-2023 23:43
Aroclor 1221	U		0.000500	mg/L	1	22-Jun-2023 23:43
Aroclor 1232	U		0.000500	mg/L	1	22-Jun-2023 23:43
Aroclor 1242	U		0.000500	mg/L	1	22-Jun-2023 23:43
Aroclor 1248	U		0.000500	mg/L	1	22-Jun-2023 23:43
Aroclor 1254	U		0.000500	mg/L	1	22-Jun-2023 23:43
Aroclor 1260	U		0.000500	mg/L	1	22-Jun-2023 23:43
PCBs (Total)	U		0.000500	mg/L	1	22-Jun-2023 23:43
Surr: Decachlorobiphenyl	*130*		*54-140*	*%REC*	*1*	*22-Jun-2023 23:43*
Surr: Tetrachloro-m-xylene	*79.9*		*53-137*	*%REC*	*1*	*22-Jun-2023 23:43*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-16-20230616
Collection Date: 16-Jun-2023 11:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,1,2-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,1-Dichloroethane	**0.0027**		**0.0010**	**mg/L**	1	21-Jun-2023 23:13
1,1-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,2-Dibromoethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,2-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,2-Dichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,2-Dichloropropane	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,3-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
1,4-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
2-Butanone	U		0.0020	mg/L	1	21-Jun-2023 23:13
2-Hexanone	U		0.0020	mg/L	1	21-Jun-2023 23:13
4-Methyl-2-pentanone	U		0.0020	mg/L	1	21-Jun-2023 23:13
Acetone	U		0.0020	mg/L	1	21-Jun-2023 23:13
Benzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
Bromodichloromethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
Bromoform	U		0.0010	mg/L	1	21-Jun-2023 23:13
Bromomethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
Carbon disulfide	U		0.0020	mg/L	1	21-Jun-2023 23:13
Carbon tetrachloride	U		0.0010	mg/L	1	21-Jun-2023 23:13
Chlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
Chloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
Chloroform	U		0.0010	mg/L	1	21-Jun-2023 23:13
Chloromethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:13
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 23:13
Cyclohexane	U		0.0010	mg/L	1	21-Jun-2023 23:13
Dibromochloromethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
Dichlorodifluoromethane	U		0.0010	mg/L	1	21-Jun-2023 23:13
Ethylbenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
Isopropylbenzene	U		0.0010	mg/L	1	21-Jun-2023 23:13
m,p-Xylene	U		0.0020	mg/L	1	21-Jun-2023 23:13
Methyl acetate	U		0.0010	mg/L	1	21-Jun-2023 23:13
Methyl tert-butyl ether	U		0.0010	mg/L	1	21-Jun-2023 23:13
Methylcyclohexane	U		0.0010	mg/L	1	21-Jun-2023 23:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-16-20230616
Collection Date: 16-Jun-2023 11:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride		U	0.0020	mg/L	1	21-Jun-2023 23:13
o-Xylene		U	0.0010	mg/L	1	21-Jun-2023 23:13
Styrene		U	0.0010	mg/L	1	21-Jun-2023 23:13
Tetrachloroethene		U	0.0010	mg/L	1	21-Jun-2023 23:13
Toluene		U	0.0010	mg/L	1	21-Jun-2023 23:13
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	21-Jun-2023 23:13
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	21-Jun-2023 23:13
Trichloroethene		U	0.0010	mg/L	1	21-Jun-2023 23:13
Trichlorofluoromethane		U	0.0010	mg/L	1	21-Jun-2023 23:13
Vinyl chloride		U	0.0010	mg/L	1	21-Jun-2023 23:13
Xylenes, Total		U	0.0010	mg/L	1	21-Jun-2023 23:13
Surr: 1,2-Dichloroethane-d4	*111*		*70-126*	*%REC*	*1*	*21-Jun-2023 23:13*
Surr: 4-Bromofluorobenzene	*93.2*		*77-113*	*%REC*	*1*	*21-Jun-2023 23:13*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*21-Jun-2023 23:13*
Surr: Toluene-d8	*110*		*82-127*	*%REC*	*1*	*21-Jun-2023 23:13*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016		U	0.000704	mg/L	1	22-Jun-2023 23:56
Aroclor 1221		U	0.000704	mg/L	1	22-Jun-2023 23:56
Aroclor 1232		U	0.000704	mg/L	1	22-Jun-2023 23:56
Aroclor 1242		U	0.000704	mg/L	1	22-Jun-2023 23:56
Aroclor 1248		U	0.000704	mg/L	1	22-Jun-2023 23:56
Aroclor 1254		U	0.000704	mg/L	1	22-Jun-2023 23:56
Aroclor 1260		U	0.000704	mg/L	1	22-Jun-2023 23:56
PCBs (Total)		U	0.000704	mg/L	1	22-Jun-2023 23:56
Surr: Decachlorobiphenyl	*114*		*54-140*	*%REC*	*1*	*22-Jun-2023 23:56*
Surr: Tetrachloro-m-xylene	*99.7*		*53-137*	*%REC*	*1*	*22-Jun-2023 23:56*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-18-20230616
Collection Date: 16-Jun-2023 10:20

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,1,2-Trichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,1-Dichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,1-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,2-Dibromoethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,2-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,2-Dichloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,2-Dichloropropane	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,3-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
1,4-Dichlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
2-Butanone	U		0.0020	mg/L	1	21-Jun-2023 23:36
2-Hexanone	U		0.0020	mg/L	1	21-Jun-2023 23:36
4-Methyl-2-pentanone	U		0.0020	mg/L	1	21-Jun-2023 23:36
Acetone	U		0.0020	mg/L	1	21-Jun-2023 23:36
Benzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Bromodichloromethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Bromoform	U		0.0010	mg/L	1	21-Jun-2023 23:36
Bromomethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Carbon disulfide	U		0.0020	mg/L	1	21-Jun-2023 23:36
Carbon tetrachloride	U		0.0010	mg/L	1	21-Jun-2023 23:36
Chlorobenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Chloroethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Chloroform	U		0.0010	mg/L	1	21-Jun-2023 23:36
Chloromethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:36
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Cyclohexane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Dibromochloromethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Dichlorodifluoromethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Ethylbenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Isopropylbenzene	U		0.0010	mg/L	1	21-Jun-2023 23:36
m,p-Xylene	U		0.0020	mg/L	1	21-Jun-2023 23:36
Methyl acetate	U		0.0010	mg/L	1	21-Jun-2023 23:36
Methyl tert-butyl ether	U		0.0010	mg/L	1	21-Jun-2023 23:36
Methylcyclohexane	U		0.0010	mg/L	1	21-Jun-2023 23:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-18-20230616
Collection Date: 16-Jun-2023 10:20

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	21-Jun-2023 23:36
o-Xylene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Styrene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Tetrachloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Toluene	U		0.0010	mg/L	1	21-Jun-2023 23:36
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:36
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Trichloroethene	U		0.0010	mg/L	1	21-Jun-2023 23:36
Trichlorofluoromethane	U		0.0010	mg/L	1	21-Jun-2023 23:36
Vinyl chloride	U		0.0010	mg/L	1	21-Jun-2023 23:36
Xylenes, Total	U		0.0010	mg/L	1	21-Jun-2023 23:36
Surr: 1,2-Dichloroethane-d4	*111*		*70-126*	*%REC*	*1*	*21-Jun-2023 23:36*
Surr: 4-Bromofluorobenzene	*91.6*		*77-113*	*%REC*	*1*	*21-Jun-2023 23:36*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*21-Jun-2023 23:36*
Surr: Toluene-d8	*110*		*82-127*	*%REC*	*1*	*21-Jun-2023 23:36*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000500	mg/L	1	23-Jun-2023 00:09
Aroclor 1221	U		0.000500	mg/L	1	23-Jun-2023 00:09
Aroclor 1232	U		0.000500	mg/L	1	23-Jun-2023 00:09
Aroclor 1242	U		0.000500	mg/L	1	23-Jun-2023 00:09
Aroclor 1248	U		0.000500	mg/L	1	23-Jun-2023 00:09
Aroclor 1254	U		0.000500	mg/L	1	23-Jun-2023 00:09
Aroclor 1260	U		0.000500	mg/L	1	23-Jun-2023 00:09
PCBs (Total)	U		0.000500	mg/L	1	23-Jun-2023 00:09
Surr: Decachlorobiphenyl	*118*		*54-140*	*%REC*	*1*	*23-Jun-2023 00:09*
Surr: Tetrachloro-m-xylene	*64.5*		*53-137*	*%REC*	*1*	*23-Jun-2023 00:09*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-41-20230616
Collection Date: 16-Jun-2023 10:45

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,1,2-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,1-Dichloroethane	**0.0072**		**0.0010**	**mg/L**	1	22-Jun-2023 20:19
1,1-Dichloroethene	**0.0042**		**0.0010**	**mg/L**	1	22-Jun-2023 20:19
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,2-Dibromoethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,2-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,2-Dichloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,2-Dichloropropane	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,3-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
1,4-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
2-Butanone	U		0.0020	mg/L	1	22-Jun-2023 20:19
2-Hexanone	U		0.0020	mg/L	1	22-Jun-2023 20:19
4-Methyl-2-pentanone	U		0.0020	mg/L	1	22-Jun-2023 20:19
Acetone	U		0.0020	mg/L	1	22-Jun-2023 20:19
Benzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
Bromodichloromethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
Bromoform	U		0.0010	mg/L	1	22-Jun-2023 20:19
Bromomethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
Carbon disulfide	U		0.0020	mg/L	1	22-Jun-2023 20:19
Carbon tetrachloride	U		0.0010	mg/L	1	22-Jun-2023 20:19
Chlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
Chloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
Chloroform	U		0.0010	mg/L	1	22-Jun-2023 20:19
Chloromethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 20:19
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 20:19
Cyclohexane	U		0.0010	mg/L	1	22-Jun-2023 20:19
Dibromochloromethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
Dichlorodifluoromethane	U		0.0010	mg/L	1	22-Jun-2023 20:19
Ethylbenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
Isopropylbenzene	U		0.0010	mg/L	1	22-Jun-2023 20:19
m,p-Xylene	U		0.0020	mg/L	1	22-Jun-2023 20:19
Methyl acetate	U		0.0010	mg/L	1	22-Jun-2023 20:19
Methyl tert-butyl ether	U		0.0010	mg/L	1	22-Jun-2023 20:19
Methylcyclohexane	U		0.0010	mg/L	1	22-Jun-2023 20:19

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-41-20230616
Collection Date: 16-Jun-2023 10:45

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride		U	0.0020	mg/L	1	22-Jun-2023 20:19
o-Xylene		U	0.0010	mg/L	1	22-Jun-2023 20:19
Styrene		U	0.0010	mg/L	1	22-Jun-2023 20:19
Tetrachloroethene		U	0.0010	mg/L	1	22-Jun-2023 20:19
Toluene		U	0.0010	mg/L	1	22-Jun-2023 20:19
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	22-Jun-2023 20:19
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	22-Jun-2023 20:19
Trichloroethene		U	0.0010	mg/L	1	22-Jun-2023 20:19
Trichlorofluoromethane		U	0.0010	mg/L	1	22-Jun-2023 20:19
Vinyl chloride		U	0.0010	mg/L	1	22-Jun-2023 20:19
Xylenes, Total		U	0.0010	mg/L	1	22-Jun-2023 20:19
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*22-Jun-2023 20:19*
Surr: 4-Bromofluorobenzene	*112*		*77-113*	*%REC*	*1*	*22-Jun-2023 20:19*
Surr: Dibromofluoromethane	*99.7*		*77-123*	*%REC*	*1*	*22-Jun-2023 20:19*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*1*	*22-Jun-2023 20:19*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016		U	0.000500	mg/L	1	23-Jun-2023 00:47
Aroclor 1221		U	0.000500	mg/L	1	23-Jun-2023 00:47
Aroclor 1232		U	0.000500	mg/L	1	23-Jun-2023 00:47
Aroclor 1242		U	0.000500	mg/L	1	23-Jun-2023 00:47
Aroclor 1248		U	0.000500	mg/L	1	23-Jun-2023 00:47
Aroclor 1254		U	0.000500	mg/L	1	23-Jun-2023 00:47
Aroclor 1260		U	0.000500	mg/L	1	23-Jun-2023 00:47
PCBs (Total)		U	0.000500	mg/L	1	23-Jun-2023 00:47
Surr: Decachlorobiphenyl	*116*		*54-140*	*%REC*	*1*	*23-Jun-2023 00:47*
Surr: Tetrachloro-m-xylene	*91.9*		*53-137*	*%REC*	*1*	*23-Jun-2023 00:47*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-42-20230616
Collection Date: 16-Jun-2023 10:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,1,2-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,1-Dichloroethane	**0.016**		**0.0010**	**mg/L**	1	22-Jun-2023 20:40
1,1-Dichloroethene	**0.0049**		**0.0010**	**mg/L**	1	22-Jun-2023 20:40
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,2-Dibromoethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,2-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,2-Dichloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,2-Dichloropropane	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,3-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
1,4-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
2-Butanone	U		0.0020	mg/L	1	22-Jun-2023 20:40
2-Hexanone	U		0.0020	mg/L	1	22-Jun-2023 20:40
4-Methyl-2-pentanone	U		0.0020	mg/L	1	22-Jun-2023 20:40
Acetone	U		0.0020	mg/L	1	22-Jun-2023 20:40
Benzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Bromodichloromethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Bromoform	U		0.0010	mg/L	1	22-Jun-2023 20:40
Bromomethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Carbon disulfide	U		0.0020	mg/L	1	22-Jun-2023 20:40
Carbon tetrachloride	U		0.0010	mg/L	1	22-Jun-2023 20:40
Chlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Chloroethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Chloroform	U		0.0010	mg/L	1	22-Jun-2023 20:40
Chloromethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 20:40
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Cyclohexane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Dibromochloromethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Dichlorodifluoromethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Ethylbenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Isopropylbenzene	U		0.0010	mg/L	1	22-Jun-2023 20:40
m,p-Xylene	U		0.0020	mg/L	1	22-Jun-2023 20:40
Methyl acetate	U		0.0010	mg/L	1	22-Jun-2023 20:40
Methyl tert-butyl ether	U		0.0010	mg/L	1	22-Jun-2023 20:40
Methylcyclohexane	U		0.0010	mg/L	1	22-Jun-2023 20:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-42-20230616
Collection Date: 16-Jun-2023 10:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	22-Jun-2023 20:40
o-Xylene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Styrene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Tetrachloroethene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Toluene	U		0.0010	mg/L	1	22-Jun-2023 20:40
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 20:40
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Trichloroethene	U		0.0010	mg/L	1	22-Jun-2023 20:40
Trichlorofluoromethane	U		0.0010	mg/L	1	22-Jun-2023 20:40
Vinyl chloride	U		0.0010	mg/L	1	22-Jun-2023 20:40
Xylenes, Total	U		0.0010	mg/L	1	22-Jun-2023 20:40
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*22-Jun-2023 20:40*
Surr: 4-Bromofluorobenzene	*112*		*77-113*	*%REC*	*1*	*22-Jun-2023 20:40*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*22-Jun-2023 20:40*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*22-Jun-2023 20:40*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-45-20230616
Collection Date: 16-Jun-2023 11:50

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,1,2-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,1-Dichloroethane	**0.0053**		**0.0010**	**mg/L**	1	22-Jun-2023 21:01
1,1-Dichloroethene	**0.021**		**0.0010**	**mg/L**	1	22-Jun-2023 21:01
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,2-Dibromoethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,2-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,2-Dichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,2-Dichloropropane	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,3-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
1,4-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
2-Butanone	U		0.0020	mg/L	1	22-Jun-2023 21:01
2-Hexanone	U		0.0020	mg/L	1	22-Jun-2023 21:01
4-Methyl-2-pentanone	U		0.0020	mg/L	1	22-Jun-2023 21:01
Acetone	U		0.0020	mg/L	1	22-Jun-2023 21:01
Benzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Bromodichloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Bromoform	U		0.0010	mg/L	1	22-Jun-2023 21:01
Bromomethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Carbon disulfide	U		0.0020	mg/L	1	22-Jun-2023 21:01
Carbon tetrachloride	U		0.0010	mg/L	1	22-Jun-2023 21:01
Chlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Chloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Chloroform	U		0.0010	mg/L	1	22-Jun-2023 21:01
Chloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:01
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Cyclohexane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Dibromochloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Dichlorodifluoromethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Ethylbenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Isopropylbenzene	U		0.0010	mg/L	1	22-Jun-2023 21:01
m,p-Xylene	U		0.0020	mg/L	1	22-Jun-2023 21:01
Methyl acetate	U		0.0010	mg/L	1	22-Jun-2023 21:01
Methyl tert-butyl ether	U		0.0010	mg/L	1	22-Jun-2023 21:01
Methylcyclohexane	U		0.0010	mg/L	1	22-Jun-2023 21:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-45-20230616
Collection Date: 16-Jun-2023 11:50

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	22-Jun-2023 21:01
o-Xylene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Styrene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Tetrachloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Toluene	U		0.0010	mg/L	1	22-Jun-2023 21:01
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:01
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Trichloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:01
Trichlorofluoromethane	U		0.0010	mg/L	1	22-Jun-2023 21:01
Vinyl chloride	U		0.0010	mg/L	1	22-Jun-2023 21:01
Xylenes, Total	U		0.0010	mg/L	1	22-Jun-2023 21:01
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*22-Jun-2023 21:01*
Surr: 4-Bromofluorobenzene	*94.8*		*77-113*	*%REC*	*1*	*22-Jun-2023 21:01*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*22-Jun-2023 21:01*
Surr: Toluene-d8	*105*		*82-127*	*%REC*	*1*	*22-Jun-2023 21:01*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016	U		0.000962	mg/L	1	23-Jun-2023 01:00
Aroclor 1221	U		0.000962	mg/L	1	23-Jun-2023 01:00
Aroclor 1232	U		0.000962	mg/L	1	23-Jun-2023 01:00
Aroclor 1242	U		0.000962	mg/L	1	23-Jun-2023 01:00
Aroclor 1248	U		0.000962	mg/L	1	23-Jun-2023 01:00
Aroclor 1254	U		0.000962	mg/L	1	23-Jun-2023 01:00
Aroclor 1260	U		0.000962	mg/L	1	23-Jun-2023 01:00
PCBs (Total)	U		0.000962	mg/L	1	23-Jun-2023 01:00
Surr: Decachlorobiphenyl	*123*		*54-140*	*%REC*	*1*	*23-Jun-2023 01:00*
Surr: Tetrachloro-m-xylene	*98.0*		*53-137*	*%REC*	*1*	*23-Jun-2023 01:00*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-46-20230616
Collection Date: 16-Jun-2023 12:05

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,1,2-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,1-Dichloroethane	**0.049**		**0.0010**	**mg/L**	1	22-Jun-2023 21:22
1,1-Dichloroethene	**0.011**		**0.0010**	**mg/L**	1	22-Jun-2023 21:22
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,2-Dibromoethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,2-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,2-Dichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,2-Dichloropropane	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,3-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
1,4-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
2-Butanone	U		0.0020	mg/L	1	22-Jun-2023 21:22
2-Hexanone	U		0.0020	mg/L	1	22-Jun-2023 21:22
4-Methyl-2-pentanone	U		0.0020	mg/L	1	22-Jun-2023 21:22
Acetone	U		0.0020	mg/L	1	22-Jun-2023 21:22
Benzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
Bromodichloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
Bromoform	U		0.0010	mg/L	1	22-Jun-2023 21:22
Bromomethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
Carbon disulfide	U		0.0020	mg/L	1	22-Jun-2023 21:22
Carbon tetrachloride	U		0.0010	mg/L	1	22-Jun-2023 21:22
Chlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
Chloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
Chloroform	U		0.0010	mg/L	1	22-Jun-2023 21:22
Chloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:22
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 21:22
Cyclohexane	U		0.0010	mg/L	1	22-Jun-2023 21:22
Dibromochloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
Dichlorodifluoromethane	U		0.0010	mg/L	1	22-Jun-2023 21:22
Ethylbenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
Isopropylbenzene	U		0.0010	mg/L	1	22-Jun-2023 21:22
m,p-Xylene	U		0.0020	mg/L	1	22-Jun-2023 21:22
Methyl acetate	U		0.0010	mg/L	1	22-Jun-2023 21:22
Methyl tert-butyl ether	U		0.0010	mg/L	1	22-Jun-2023 21:22
Methylcyclohexane	U		0.0010	mg/L	1	22-Jun-2023 21:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-46-20230616
Collection Date: 16-Jun-2023 12:05

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride		U	0.0020	mg/L	1	22-Jun-2023 21:22
o-Xylene		U	0.0010	mg/L	1	22-Jun-2023 21:22
Styrene		U	0.0010	mg/L	1	22-Jun-2023 21:22
Tetrachloroethene		U	0.0010	mg/L	1	22-Jun-2023 21:22
Toluene		U	0.0010	mg/L	1	22-Jun-2023 21:22
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	22-Jun-2023 21:22
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	22-Jun-2023 21:22
Trichloroethene		U	0.0010	mg/L	1	22-Jun-2023 21:22
Trichlorofluoromethane		U	0.0010	mg/L	1	22-Jun-2023 21:22
Vinyl chloride		U	0.0010	mg/L	1	22-Jun-2023 21:22
Xylenes, Total		U	0.0010	mg/L	1	22-Jun-2023 21:22
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*22-Jun-2023 21:22*
Surr: 4-Bromofluorobenzene	*95.8*		*77-113*	*%REC*	*1*	*22-Jun-2023 21:22*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*22-Jun-2023 21:22*
Surr: Toluene-d8	*92.0*		*82-127*	*%REC*	*1*	*22-Jun-2023 21:22*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 21-Jun-2023		Analyst: KR
Aroclor 1016		U	0.000500	mg/L	1	23-Jun-2023 01:12
Aroclor 1221		U	0.000500	mg/L	1	23-Jun-2023 01:12
Aroclor 1232		U	0.000500	mg/L	1	23-Jun-2023 01:12
Aroclor 1242		U	0.000500	mg/L	1	23-Jun-2023 01:12
Aroclor 1248		U	0.000500	mg/L	1	23-Jun-2023 01:12
Aroclor 1254		U	0.000500	mg/L	1	23-Jun-2023 01:12
Aroclor 1260		U	0.000500	mg/L	1	23-Jun-2023 01:12
PCBs (Total)		U	0.000500	mg/L	1	23-Jun-2023 01:12
Surr: Decachlorobiphenyl	*110*		*54-140*	*%REC*	*1*	*23-Jun-2023 01:12*
Surr: Tetrachloro-m-xylene	*106*		*53-137*	*%REC*	*1*	*23-Jun-2023 01:12*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-47-20230616
Collection Date: 16-Jun-2023 12:20

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,1,2-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,1-Dichloroethane	**0.12**		**0.0010**	**mg/L**	1	22-Jun-2023 21:43
1,1-Dichloroethene	**0.026**		**0.0010**	**mg/L**	1	22-Jun-2023 21:43
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,2-Dibromoethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,2-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,2-Dichloroethane	**0.0019**		**0.0010**	**mg/L**	1	22-Jun-2023 21:43
1,2-Dichloropropane	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,3-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
1,4-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
2-Butanone	U		0.0020	mg/L	1	22-Jun-2023 21:43
2-Hexanone	U		0.0020	mg/L	1	22-Jun-2023 21:43
4-Methyl-2-pentanone	U		0.0020	mg/L	1	22-Jun-2023 21:43
Acetone	U		0.0020	mg/L	1	22-Jun-2023 21:43
Benzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Bromodichloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Bromoform	U		0.0010	mg/L	1	22-Jun-2023 21:43
Bromomethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Carbon disulfide	U		0.0020	mg/L	1	22-Jun-2023 21:43
Carbon tetrachloride	U		0.0010	mg/L	1	22-Jun-2023 21:43
Chlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Chloroethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Chloroform	U		0.0010	mg/L	1	22-Jun-2023 21:43
Chloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
cis-1,2-Dichloroethene	**0.0011**		**0.0010**	**mg/L**	1	22-Jun-2023 21:43
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Cyclohexane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Dibromochloromethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Dichlorodifluoromethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Ethylbenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Isopropylbenzene	U		0.0010	mg/L	1	22-Jun-2023 21:43
m,p-Xylene	U		0.0020	mg/L	1	22-Jun-2023 21:43
Methyl acetate	U		0.0010	mg/L	1	22-Jun-2023 21:43
Methyl tert-butyl ether	U		0.0010	mg/L	1	22-Jun-2023 21:43
Methylcyclohexane	U		0.0010	mg/L	1	22-Jun-2023 21:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-47-20230616
Collection Date: 16-Jun-2023 12:20

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	22-Jun-2023 21:43
o-Xylene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Styrene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Tetrachloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Toluene	U		0.0010	mg/L	1	22-Jun-2023 21:43
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:43
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Trichloroethene	U		0.0010	mg/L	1	22-Jun-2023 21:43
Trichlorofluoromethane	U		0.0010	mg/L	1	22-Jun-2023 21:43
Vinyl chloride	U		0.0010	mg/L	1	22-Jun-2023 21:43
Xylenes, Total	U		0.0010	mg/L	1	22-Jun-2023 21:43
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*22-Jun-2023 21:43*
Surr: 4-Bromofluorobenzene	*92.5*		*77-113*	*%REC*	*1*	*22-Jun-2023 21:43*
Surr: Dibromofluoromethane	*99.4*		*77-123*	*%REC*	*1*	*22-Jun-2023 21:43*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*22-Jun-2023 21:43*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48-20230616
Collection Date: 16-Jun-2023 12:55

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,1,2-Trichloroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,1-Dichloroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,1-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,2-Dibromoethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,2-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,2-Dichloroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,2-Dichloropropane	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,3-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
1,4-Dichlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
2-Butanone	U		0.0020	mg/L	1	22-Jun-2023 22:04
2-Hexanone	U		0.0020	mg/L	1	22-Jun-2023 22:04
4-Methyl-2-pentanone	U		0.0020	mg/L	1	22-Jun-2023 22:04
Acetone	U		0.0020	mg/L	1	22-Jun-2023 22:04
Benzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Bromodichloromethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Bromoform	U		0.0010	mg/L	1	22-Jun-2023 22:04
Bromomethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Carbon disulfide	U		0.0020	mg/L	1	22-Jun-2023 22:04
Carbon tetrachloride	U		0.0010	mg/L	1	22-Jun-2023 22:04
Chlorobenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Chloroethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Chloroform	U		0.0010	mg/L	1	22-Jun-2023 22:04
Chloromethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 22:04
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Cyclohexane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Dibromochloromethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Dichlorodifluoromethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Ethylbenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Isopropylbenzene	U		0.0010	mg/L	1	22-Jun-2023 22:04
m,p-Xylene	U		0.0020	mg/L	1	22-Jun-2023 22:04
Methyl acetate	U		0.0010	mg/L	1	22-Jun-2023 22:04
Methyl tert-butyl ether	U		0.0010	mg/L	1	22-Jun-2023 22:04
Methylcyclohexane	U		0.0010	mg/L	1	22-Jun-2023 22:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48-20230616
Collection Date: 16-Jun-2023 12:55

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	22-Jun-2023 22:04
o-Xylene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Styrene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Tetrachloroethene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Toluene	U		0.0010	mg/L	1	22-Jun-2023 22:04
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	22-Jun-2023 22:04
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Trichloroethene	U		0.0010	mg/L	1	22-Jun-2023 22:04
Trichlorofluoromethane	U		0.0010	mg/L	1	22-Jun-2023 22:04
Vinyl chloride	U		0.0010	mg/L	1	22-Jun-2023 22:04
Xylenes, Total	U		0.0010	mg/L	1	22-Jun-2023 22:04
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*22-Jun-2023 22:04*
Surr: 4-Bromofluorobenzene	*95.6*		*77-113*	*%REC*	*1*	*22-Jun-2023 22:04*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*22-Jun-2023 22:04*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*22-Jun-2023 22:04*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-28-20230616
Collection Date: 16-Jun-2023 13:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
1,1,1-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,1,2-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,1-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,1-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,2-Dibromoethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,2-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,2-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,2-Dichloropropane	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,3-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
1,4-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
2-Butanone	U		0.0020	mg/L	1	23-Jun-2023 22:15
2-Hexanone	U		0.0020	mg/L	1	23-Jun-2023 22:15
4-Methyl-2-pentanone	U		0.0020	mg/L	1	23-Jun-2023 22:15
Acetone	U		0.0020	mg/L	1	23-Jun-2023 22:15
Benzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
Bromodichloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
Bromoform	U		0.0010	mg/L	1	23-Jun-2023 22:15
Bromomethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
Carbon disulfide	U		0.0020	mg/L	1	23-Jun-2023 22:15
Carbon tetrachloride	U		0.0010	mg/L	1	23-Jun-2023 22:15
Chlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
Chloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
Chloroform	U		0.0010	mg/L	1	23-Jun-2023 22:15
Chloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:15
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 22:15
Cyclohexane	U		0.0010	mg/L	1	23-Jun-2023 22:15
Dibromochloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
Dichlorodifluoromethane	U		0.0010	mg/L	1	23-Jun-2023 22:15
Ethylbenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
Isopropylbenzene	U		0.0010	mg/L	1	23-Jun-2023 22:15
m,p-Xylene	U		0.0020	mg/L	1	23-Jun-2023 22:15
Methyl acetate	U		0.0010	mg/L	1	23-Jun-2023 22:15
Methyl tert-butyl ether	U		0.0010	mg/L	1	23-Jun-2023 22:15
Methylcyclohexane	U		0.0010	mg/L	1	23-Jun-2023 22:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-28-20230616
Collection Date: 16-Jun-2023 13:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: FT
Methylene chloride		U	0.0020	mg/L	1	23-Jun-2023 22:15
o-Xylene		U	0.0010	mg/L	1	23-Jun-2023 22:15
Styrene		U	0.0010	mg/L	1	23-Jun-2023 22:15
Tetrachloroethene		U	0.0010	mg/L	1	23-Jun-2023 22:15
Toluene		U	0.0010	mg/L	1	23-Jun-2023 22:15
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	23-Jun-2023 22:15
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	23-Jun-2023 22:15
Trichloroethene		U	0.0010	mg/L	1	23-Jun-2023 22:15
Trichlorofluoromethane		U	0.0010	mg/L	1	23-Jun-2023 22:15
Vinyl chloride		U	0.0010	mg/L	1	23-Jun-2023 22:15
Xylenes, Total		U	0.0010	mg/L	1	23-Jun-2023 22:15
Surr: 1,2-Dichloroethane-d4	*99.9*		*70-126*	*%REC*	*1*	*23-Jun-2023 22:15*
Surr: 4-Bromofluorobenzene	*92.1*		*77-113*	*%REC*	*1*	*23-Jun-2023 22:15*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*23-Jun-2023 22:15*
Surr: Toluene-d8	*98.2*		*82-127*	*%REC*	*1*	*23-Jun-2023 22:15*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-49B-20230616
Collection Date: 16-Jun-2023 12:40

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
1,1,1-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,1,2-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,1-Dichloroethane	**0.0090**		**0.0010**	**mg/L**	1	23-Jun-2023 22:36
1,1-Dichloroethene	**0.018**		**0.0010**	**mg/L**	1	23-Jun-2023 22:36
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,2-Dibromoethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,2-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,2-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,2-Dichloropropane	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,3-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
1,4-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
2-Butanone	U		0.0020	mg/L	1	23-Jun-2023 22:36
2-Hexanone	U		0.0020	mg/L	1	23-Jun-2023 22:36
4-Methyl-2-pentanone	U		0.0020	mg/L	1	23-Jun-2023 22:36
Acetone	U		0.0020	mg/L	1	23-Jun-2023 22:36
Benzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Bromodichloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Bromoform	U		0.0010	mg/L	1	23-Jun-2023 22:36
Bromomethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Carbon disulfide	U		0.0020	mg/L	1	23-Jun-2023 22:36
Carbon tetrachloride	U		0.0010	mg/L	1	23-Jun-2023 22:36
Chlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Chloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Chloroform	U		0.0010	mg/L	1	23-Jun-2023 22:36
Chloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:36
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Cyclohexane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Dibromochloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Dichlorodifluoromethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Ethylbenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Isopropylbenzene	U		0.0010	mg/L	1	23-Jun-2023 22:36
m,p-Xylene	U		0.0020	mg/L	1	23-Jun-2023 22:36
Methyl acetate	U		0.0010	mg/L	1	23-Jun-2023 22:36
Methyl tert-butyl ether	U		0.0010	mg/L	1	23-Jun-2023 22:36
Methylcyclohexane	U		0.0010	mg/L	1	23-Jun-2023 22:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-49B-20230616
Collection Date: 16-Jun-2023 12:40

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Methylene chloride	U		0.0020	mg/L	1	23-Jun-2023 22:36
o-Xylene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Styrene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Tetrachloroethene	**0.0012**		**0.0010**	**mg/L**	1	23-Jun-2023 22:36
Toluene	U		0.0010	mg/L	1	23-Jun-2023 22:36
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:36
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Trichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:36
Trichlorofluoromethane	U		0.0010	mg/L	1	23-Jun-2023 22:36
Vinyl chloride	U		0.0010	mg/L	1	23-Jun-2023 22:36
Xylenes, Total	U		0.0010	mg/L	1	23-Jun-2023 22:36
Surr: 1,2-Dichloroethane-d4	*96.8*		*70-126*	*%REC*	*1*	*23-Jun-2023 22:36*
Surr: 4-Bromofluorobenzene	*92.2*		*77-113*	*%REC*	*1*	*23-Jun-2023 22:36*
Surr: Dibromofluoromethane	*97.5*		*77-123*	*%REC*	*1*	*23-Jun-2023 22:36*
Surr: Toluene-d8	*99.3*		*82-127*	*%REC*	*1*	*23-Jun-2023 22:36*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48B-20230616
Collection Date: 16-Jun-2023 12:50

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
1,1,1-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,1,2-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,1-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,1-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,2-Dibromoethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,2-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,2-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,2-Dichloropropane	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,3-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
1,4-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
2-Butanone	U		0.0020	mg/L	1	23-Jun-2023 22:58
2-Hexanone	U		0.0020	mg/L	1	23-Jun-2023 22:58
4-Methyl-2-pentanone	U		0.0020	mg/L	1	23-Jun-2023 22:58
Acetone	U		0.0020	mg/L	1	23-Jun-2023 22:58
Benzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Bromodichloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Bromoform	U		0.0010	mg/L	1	23-Jun-2023 22:58
Bromomethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Carbon disulfide	U		0.0020	mg/L	1	23-Jun-2023 22:58
Carbon tetrachloride	U		0.0010	mg/L	1	23-Jun-2023 22:58
Chlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Chloroethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Chloroform	U		0.0010	mg/L	1	23-Jun-2023 22:58
Chloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:58
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Cyclohexane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Dibromochloromethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Dichlorodifluoromethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Ethylbenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Isopropylbenzene	U		0.0010	mg/L	1	23-Jun-2023 22:58
m,p-Xylene	U		0.0020	mg/L	1	23-Jun-2023 22:58
Methyl acetate	U		0.0010	mg/L	1	23-Jun-2023 22:58
Methyl tert-butyl ether	U		0.0010	mg/L	1	23-Jun-2023 22:58
Methylcyclohexane	U		0.0010	mg/L	1	23-Jun-2023 22:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48B-20230616
Collection Date: 16-Jun-2023 12:50

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: FT
Methylene chloride	U		0.0020	mg/L	1	23-Jun-2023 22:58
o-Xylene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Styrene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Tetrachloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Toluene	U		0.0010	mg/L	1	23-Jun-2023 22:58
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:58
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Trichloroethene	U		0.0010	mg/L	1	23-Jun-2023 22:58
Trichlorofluoromethane	U		0.0010	mg/L	1	23-Jun-2023 22:58
Vinyl chloride	U		0.0010	mg/L	1	23-Jun-2023 22:58
Xylenes, Total	U		0.0010	mg/L	1	23-Jun-2023 22:58
Surr: 1,2-Dichloroethane-d4	*102*		*70-126*	*%REC*	*1*	*23-Jun-2023 22:58*
Surr: 4-Bromofluorobenzene	*91.6*		*77-113*	*%REC*	*1*	*23-Jun-2023 22:58*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*23-Jun-2023 22:58*
Surr: Toluene-d8	*98.6*		*82-127*	*%REC*	*1*	*23-Jun-2023 22:58*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-33-20230616
Collection Date: 16-Jun-2023 13:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
1,1,1-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,1,2-Trichloroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,1-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,1-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,2-Dibromoethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,2-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,2-Dichloroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,2-Dichloropropane	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,3-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
1,4-Dichlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
2-Butanone	U		0.0020	mg/L	1	23-Jun-2023 23:19
2-Hexanone	U		0.0020	mg/L	1	23-Jun-2023 23:19
4-Methyl-2-pentanone	U		0.0020	mg/L	1	23-Jun-2023 23:19
Acetone	U		0.0020	mg/L	1	23-Jun-2023 23:19
Benzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Bromodichloromethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Bromoform	U		0.0010	mg/L	1	23-Jun-2023 23:19
Bromomethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Carbon disulfide	U		0.0020	mg/L	1	23-Jun-2023 23:19
Carbon tetrachloride	U		0.0010	mg/L	1	23-Jun-2023 23:19
Chlorobenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Chloroethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Chloroform	U		0.0010	mg/L	1	23-Jun-2023 23:19
Chloromethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 23:19
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Cyclohexane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Dibromochloromethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Dichlorodifluoromethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Ethylbenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Isopropylbenzene	U		0.0010	mg/L	1	23-Jun-2023 23:19
m,p-Xylene	U		0.0020	mg/L	1	23-Jun-2023 23:19
Methyl acetate	U		0.0010	mg/L	1	23-Jun-2023 23:19
Methyl tert-butyl ether	U		0.0010	mg/L	1	23-Jun-2023 23:19
Methylcyclohexane	U		0.0010	mg/L	1	23-Jun-2023 23:19

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-33-20230616
Collection Date: 16-Jun-2023 13:30

ANALYTICAL REPORT
WorkOrder:HS23061157
Lab ID:HS23061157-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Methylene chloride	U		0.0020	mg/L	1	23-Jun-2023 23:19
o-Xylene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Styrene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Tetrachloroethene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Toluene	U		0.0010	mg/L	1	23-Jun-2023 23:19
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	23-Jun-2023 23:19
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Trichloroethene	U		0.0010	mg/L	1	23-Jun-2023 23:19
Trichlorofluoromethane	U		0.0010	mg/L	1	23-Jun-2023 23:19
Vinyl chloride	U		0.0010	mg/L	1	23-Jun-2023 23:19
Xylenes, Total	U		0.0010	mg/L	1	23-Jun-2023 23:19
Surr: 1,2-Dichloroethane-d4	*97.7*		*70-126*	*%REC*	*1*	*23-Jun-2023 23:19*
Surr: 4-Bromofluorobenzene	*93.3*		*77-113*	*%REC*	*1*	*23-Jun-2023 23:19*
Surr: Dibromofluoromethane	*99.5*		*77-123*	*%REC*	*1*	*23-Jun-2023 23:19*
Surr: Toluene-d8	*99.7*		*82-127*	*%REC*	*1*	*23-Jun-2023 23:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US

Date: 17-Jul-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

Batch ID: 196525 **Start Date:** 21 Jun 2023 12:05 **End Date:** 21 Jun 2023 12:05
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23061157-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061157-03	1	710 (mL)	10 (mL)	0.01408	1-liter amber glass, Neat
HS23061157-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061157-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23061157-07	1	520 (mL)	10 (mL)	0.01923	1-liter amber glass, Neat
HS23061157-08	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 196525 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Groundwater	
HS23061157-02	6-12-20230616	16 Jun 2023 11:10		21 Jun 2023 12:05	22 Jun 2023 23:43	1
HS23061157-03	6-16-20230616	16 Jun 2023 11:30		21 Jun 2023 12:05	22 Jun 2023 23:56	1
HS23061157-04	6-18-20230616	16 Jun 2023 10:20		21 Jun 2023 12:05	23 Jun 2023 00:09	1
HS23061157-05	6-41-20230616	16 Jun 2023 10:45		21 Jun 2023 12:05	23 Jun 2023 00:47	1
HS23061157-07	6-45-20230616	16 Jun 2023 11:50		21 Jun 2023 12:05	23 Jun 2023 01:00	1
HS23061157-08	6-46-20230616	16 Jun 2023 12:05		21 Jun 2023 12:05	23 Jun 2023 01:12	1
Batch ID: R439529 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23061157-02	6-12-20230616	16 Jun 2023 11:10			21 Jun 2023 22:51	1
HS23061157-03	6-16-20230616	16 Jun 2023 11:30			21 Jun 2023 23:13	1
HS23061157-04	6-18-20230616	16 Jun 2023 10:20			21 Jun 2023 23:36	1
Batch ID: R439529 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23061157-01	12603647-TB01	16 Jun 2023 00:00			21 Jun 2023 18:44	1
Batch ID: R439641 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23061157-05	6-41-20230616	16 Jun 2023 10:45			22 Jun 2023 20:19	1
HS23061157-06	6-42-20230616	16 Jun 2023 10:30			22 Jun 2023 20:40	1
HS23061157-07	6-45-20230616	16 Jun 2023 11:50			22 Jun 2023 21:01	1
HS23061157-08	6-46-20230616	16 Jun 2023 12:05			22 Jun 2023 21:22	1
HS23061157-09	6-47-20230616	16 Jun 2023 12:20			22 Jun 2023 21:43	1
HS23061157-10	6-48-20230616	16 Jun 2023 12:55			22 Jun 2023 22:04	1
Batch ID: R439800 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23061157-12	6-28-20230616	16 Jun 2023 13:30			23 Jun 2023 22:15	1
HS23061157-13	6-49B-20230616	16 Jun 2023 12:40			23 Jun 2023 22:36	1
HS23061157-14	6-48B-20230616	16 Jun 2023 12:50			23 Jun 2023 22:58	1
HS23061157-15	6-33-20230616	16 Jun 2023 13:30			23 Jun 2023 23:19	1

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: 196525 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:07**
Client ID: Run ID: **ECD_7_440357** SeqNo: **7396409** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.2202*	*0.0500*	*0.2*	*0*	*110*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.2105*	*0.0500*	*0.2*	*0*	*105*	*53 - 137*				

MBLK Sample ID: **MBLK1-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 19:54**
Client ID: Run ID: **ECD_7_439754** SeqNo: **7382127** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.0500								
Aroclor 1221	U	0.0500								
Aroclor 1232	U	0.0500								
Aroclor 1242	U	0.0500								
Aroclor 1248	U	0.0500								
Aroclor 1254	U	0.0500								
Aroclor 1260	U	0.0500								
Surr: Decachlorobiphenyl	*0.02364*	*0.00500*	*0.02*	*0*	*118*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.02075*	*0.00500*	*0.02*	*0*	*104*	*53 - 137*				

LCS Sample ID: **LCS-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:19**
Client ID: Run ID: **ECD_7_440357** SeqNo: **7396410** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.645	0.500	5	0	92.9	54 - 138				
Aroclor 1260	4.798	0.500	5	0	96.0	57 - 136				
Surr: Decachlorobiphenyl	*0.2272*	*0.0500*	*0.2*	*0*	*114*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.2137*	*0.0500*	*0.2*	*0*	*107*	*53 - 137*				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: 196525 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

LCS Sample ID: **LCS-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:19**
Client ID: Run ID: **ECD_7_439754** SeqNo: **7382128** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.645	0.500	5	0	92.9	54 - 138				
Aroclor 1260	4.798	0.500	5	0	96.0	57 - 136				
Surr: Decachlorobiphenyl	*0.2272*	*0.0500*	*0.2*	*0*	*114*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.2137*	*0.0500*	*0.2*	*0*	*107*	*53 - 137*				

LCSD Sample ID: **LCSD-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:32**
Client ID: Run ID: **ECD_7_440357** SeqNo: **7396411** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.612	0.500	5	0	92.2	54 - 138	4.645	0.705	20	
Aroclor 1260	4.494	0.500	5	0	89.9	57 - 136	4.798	6.55	20	
Surr: Decachlorobiphenyl	*0.2722*	*0.0500*	*0.2*	*0*	*136*	*54 - 140*	*0.2272*	*18.1*	*20*	
Surr: Tetrachloro-m-xylene	*0.2048*	*0.0500*	*0.2*	*0*	*102*	*53 - 137*	*0.2137*	*4.28*	*20*	

LCSD Sample ID: **LCSD-196525** Units: **ug/L** Analysis Date: **22-Jun-2023 20:32**
Client ID: Run ID: **ECD_7_439754** SeqNo: **7382129** PrepDate: **21-Jun-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.612	0.500	5	0	92.2	54 - 138	4.645	0.705	20	
Aroclor 1260	4.494	0.500	5	0	89.9	57 - 136	4.798	6.55	20	
Surr: Decachlorobiphenyl	*0.2722*	*0.0500*	*0.2*	*0*	*136*	*54 - 140*	*0.2272*	*18.1*	*20*	
Surr: Tetrachloro-m-xylene	*0.2048*	*0.0500*	*0.2*	*0*	*102*	*53 - 137*	*0.2137*	*4.28*	*20*	

The following samples were analyzed in this batch: HS23061157-02 HS23061157-03 HS23061157-04 HS23061157-05 HS23061157-07 HS23061157-08

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230621** Units: **ug/L** Analysis Date: **21-Jun-2023 15:00**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376828** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230621** Units: **ug/L** Analysis Date: **21-Jun-2023 15:00**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376828** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	1.0								
Surr: 1,2-Dichloroethane-d4	*55.13*	*1.0*	*50*	*0*	*110*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.05*	*1.0*	*50*	*0*	*96.1*	*77 - 113*				
Surr: Dibromofluoromethane	*50.89*	*1.0*	*50*	*0*	*102*	*73 - 126*				
Surr: Toluene-d8	*54.73*	*1.0*	*50*	*0*	*109*	*81 - 120*				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230621** Units: **ug/L** Analysis Date: **21-Jun-2023 14:15**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.28	1.0	20	0	96.4	70 - 130				
1,1,2,2-Tetrachloroethane	17.61	1.0	20	0	88.0	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.93	1.0	20	0	99.7	70 - 130				
1,1,2-Trichloroethane	18.6	1.0	20	0	93.0	77 - 113				
1,1-Dichloroethane	18.3	1.0	20	0	91.5	71 - 122				
1,1-Dichloroethene	17.53	1.0	20	0	87.6	70 - 130				
1,2,4-Trichlorobenzene	16.57	1.0	20	0	82.8	77 - 126				
1,2-Dibromo-3-chloropropane	16.39	1.0	20	0	81.9	70 - 130				
1,2-Dibromoethane	19.59	1.0	20	0	98.0	76 - 123				
1,2-Dichlorobenzene	17.92	1.0	20	0	89.6	77 - 113				
1,2-Dichloroethane	21.54	1.0	20	0	108	70 - 124				
1,2-Dichloropropane	18.9	1.0	20	0	94.5	72 - 119				
1,3-Dichlorobenzene	17.7	1.0	20	0	88.5	78 - 118				
1,4-Dichlorobenzene	17.34	1.0	20	0	86.7	79 - 113				
2-Butanone	37.85	2.0	40	0	94.6	70 - 130				
2-Hexanone	35.6	2.0	40	0	89.0	70 - 130				
4-Methyl-2-pentanone	37.9	2.0	40	0	94.7	70 - 130				
Acetone	44.04	2.0	40	0	110	70 - 130				
Benzene	18.78	1.0	20	0	93.9	74 - 120				
Bromodichloromethane	20.73	1.0	20	0	104	74 - 122				
Bromoform	19.73	1.0	20	0	98.7	73 - 128				
Bromomethane	19.61	1.0	20	0	98.1	70 - 130				
Carbon disulfide	37.99	2.0	40	0	95.0	70 - 130				
Carbon tetrachloride	19.21	1.0	20	0	96.1	71 - 125				
Chlorobenzene	18.67	1.0	20	0	93.3	76 - 113				
Chloroethane	17.09	1.0	20	0	85.5	70 - 130				
Chloroform	19.31	1.0	20	0	96.5	71 - 121				
Chloromethane	15.3	1.0	20	0	76.5	70 - 129				
cis-1,2-Dichloroethene	18.58	1.0	20	0	92.9	75 - 122				
cis-1,3-Dichloropropene	17.71	1.0	20	0	88.6	73 - 127				
Cyclohexane	17.99	1.0	20	0	90.0	70 - 130				
Dibromochloromethane	20.01	1.0	20	0	100	77 - 122				
Dichlorodifluoromethane	15.04	1.0	20	0	75.2	70 - 130				
Ethylbenzene	18.78	1.0	20	0	93.9	77 - 117				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230621** Units: **ug/L** Analysis Date: **21-Jun-2023 14:15**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.52	1.0	20	0	97.6	73 - 127				
m,p-Xylene	39.18	2.0	40	0	98.0	77 - 122				
Methyl acetate	19.11	1.0	20	0	95.5	76 - 122				
Methyl tert-butyl ether	21.86	1.0	20	0	109	70 - 130				
Methylcyclohexane	21.42	1.0	20	0	107	61 - 157				
Methylene chloride	19.26	2.0	20	0	96.3	70 - 127				
o-Xylene	19.41	1.0	20	0	97.0	75 - 119				
Styrene	20.11	1.0	20	0	101	72 - 126				
Tetrachloroethene	19.67	1.0	20	0	98.3	76 - 119				
Toluene	19.31	1.0	20	0	96.6	77 - 118				
trans-1,2-Dichloroethene	19.15	1.0	20	0	95.8	72 - 127				
trans-1,3-Dichloropropene	17.38	1.0	20	0	86.9	77 - 119				
Trichloroethene	18.17	1.0	20	0	90.8	77 - 121				
Trichlorofluoromethane	20.05	1.0	20	0	100	70 - 130				
Vinyl chloride	15.74	1.0	20	0	78.7	70 - 130				
Xylenes, Total	58.59	1.0	60	0	97.7	75 - 122				
Surr: 1,2-Dichloroethane-d4	*54.58*	*1.0*	*50*	*0*	*109*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.98*	*1.0*	*50*	*0*	*108*	*77 - 113*				
Surr: Dibromofluoromethane	*52.35*	*1.0*	*50*	*0*	*105*	*73 - 126*				
Surr: Toluene-d8	*50.37*	*1.0*	*50*	*0*	*101*	*81 - 120*				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061089-13MS** Units: **ug/L** Analysis Date: **21-Jun-2023 16:30**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376830** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.39	1.0	20	0	107	70 - 130				
1,1,2,2-Tetrachloroethane	19.47	1.0	20	0	97.4	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	22.96	1.0	20	0	115	70 - 130				
1,1,2-Trichloroethane	20.64	1.0	20	0	103	70 - 117				
1,1-Dichloroethane	19.2	1.0	20	0	96.0	70 - 127				
1,1-Dichloroethene	20.31	1.0	20	0	102	70 - 130				
1,2,4-Trichlorobenzene	18.74	1.0	20	0	93.7	70 - 125				
1,2-Dibromo-3-chloropropane	17.88	1.0	20	0	89.4	70 - 130				
1,2-Dibromoethane	21.63	1.0	20	0	108	70 - 124				
1,2-Dichlorobenzene	20.18	1.0	20	0	101	70 - 115				
1,2-Dichloroethane	23.44	1.0	20	0	117	70 - 127				
1,2-Dichloropropane	20.38	1.0	20	0	102	70 - 122				
1,3-Dichlorobenzene	20.55	1.0	20	0	103	70 - 119				
1,4-Dichlorobenzene	20.16	1.0	20	0	101	70 - 114				
2-Butanone	35.01	2.0	40	0	87.5	70 - 130				
2-Hexanone	43.23	2.0	40	0	108	70 - 130				
4-Methyl-2-pentanone	44.39	2.0	40	0	111	70 - 130				
Acetone	34.28	2.0	40	0	85.7	70 - 130				
Benzene	20.97	1.0	20	0	105	70 - 127				
Bromodichloromethane	22.21	1.0	20	0	111	70 - 124				
Bromoform	21.54	1.0	20	0	108	70 - 129				
Bromomethane	21.69	1.0	20	0	108	70 - 130				
Carbon disulfide	43.28	2.0	40	0	108	70 - 130				
Carbon tetrachloride	25.12	1.0	20	0	126	70 - 130				
Chlorobenzene	21.23	1.0	20	0	106	70 - 114				
Chloroethane	19.44	1.0	20	0	97.2	70 - 130				
Chloroform	19.77	1.0	20	0	98.8	70 - 125				
Chloromethane	17.78	1.0	20	0	88.9	70 - 130				
cis-1,2-Dichloroethene	19.39	1.0	20	0	97.0	70 - 128				
cis-1,3-Dichloropropene	18.77	1.0	20	0	93.8	70 - 125				
Cyclohexane	19.79	1.0	20	0	98.9	70 - 130				
Dibromochloromethane	23.27	1.0	20	0	116	70 - 124				
Dichlorodifluoromethane	16.57	1.0	20	0	82.8	70 - 130				
Ethylbenzene	22.28	1.0	20	0	111	70 - 124				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23061089-13MS** Units: **ug/L** Analysis Date: **21-Jun-2023 16:30**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376830** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	24.21	1.0	20	0	121	70 - 130				
m,p-Xylene	45.74	2.0	40	0	114	70 - 130				
Methyl acetate	18.72	1.0	20	0	93.6	76 - 122				
Methyl tert-butyl ether	20.34	1.0	20	0	102	70 - 130				
Methylcyclohexane	22.94	1.0	20	0	115	61 - 158				
Methylene chloride	20.2	2.0	20	0	101	70 - 128				
o-Xylene	22.22	1.0	20	0	111	70 - 124				
Styrene	22.57	1.0	20	0	113	70 - 130				
Tetrachloroethene	23.96	1.0	20	0	120	70 - 130				
Toluene	22.69	1.0	20	0	113	70 - 123				
trans-1,2-Dichloroethene	20.76	1.0	20	0	104	70 - 130				
trans-1,3-Dichloropropene	18.71	1.0	20	0	93.6	70 - 121				
Trichloroethene	21.19	1.0	20	0	106	70 - 129				
Trichlorofluoromethane	23.16	1.0	20	0	116	70 - 130				
Vinyl chloride	18.77	1.0	20	0	93.8	70 - 130				
Xylenes, Total	67.96	1.0	60	0	113	70 - 130				
Surr: 1,2-Dichloroethane-d4	*54.49*	*1.0*	*50*	*0*	*109*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*50.75*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*50.3*	*1.0*	*50*	*0*	*101*	*77 - 123*				
Surr: Toluene-d8	*55.38*	*1.0*	*50*	*0*	*111*	*82 - 127*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061089-13MSD** Units: **ug/L** Analysis Date: **21-Jun-2023 16:52**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376831** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.69	1.0	20	0	108	70 - 130	21.39	1.39	20	
1,1,2,2-Tetrachloroethane	19.35	1.0	20	0	96.8	70 - 123	19.47	0.6	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	23.22	1.0	20	0	116	70 - 130	22.96	1.13	20	
1,1,2-Trichloroethane	19.64	1.0	20	0	98.2	70 - 117	20.64	4.95	20	
1,1-Dichloroethane	19.51	1.0	20	0	97.5	70 - 127	19.2	1.59	20	
1,1-Dichloroethene	20.63	1.0	20	0	103	70 - 130	20.31	1.53	20	
1,2,4-Trichlorobenzene	19.16	1.0	20	0	95.8	70 - 125	18.74	2.22	20	
1,2-Dibromo-3-chloropropane	18.32	1.0	20	0	91.6	70 - 130	17.88	2.47	20	
1,2-Dibromoethane	21.03	1.0	20	0	105	70 - 124	21.63	2.8	20	
1,2-Dichlorobenzene	19.89	1.0	20	0	99.4	70 - 115	20.18	1.44	20	
1,2-Dichloroethane	23.06	1.0	20	0	115	70 - 127	23.44	1.64	20	
1,2-Dichloropropane	20.19	1.0	20	0	101	70 - 122	20.38	0.918	20	
1,3-Dichlorobenzene	20.64	1.0	20	0	103	70 - 119	20.55	0.431	20	
1,4-Dichlorobenzene	20.08	1.0	20	0	100	70 - 114	20.16	0.381	20	
2-Butanone	36.26	2.0	40	0	90.6	70 - 130	35.01	3.5	20	
2-Hexanone	42.57	2.0	40	0	106	70 - 130	43.23	1.55	20	
4-Methyl-2-pentanone	42.92	2.0	40	0	107	70 - 130	44.39	3.37	20	
Acetone	37.03	2.0	40	0	92.6	70 - 130	34.28	7.71	20	
Benzene	20.38	1.0	20	0	102	70 - 127	20.97	2.85	20	
Bromodichloromethane	21.51	1.0	20	0	108	70 - 124	22.21	3.22	20	
Bromoform	21.26	1.0	20	0	106	70 - 129	21.54	1.28	20	
Bromomethane	20.76	1.0	20	0	104	70 - 130	21.69	4.37	20	
Carbon disulfide	43.12	2.0	40	0	108	70 - 130	43.28	0.364	20	
Carbon tetrachloride	24.57	1.0	20	0	123	70 - 130	25.12	2.2	20	
Chlorobenzene	21.45	1.0	20	0	107	70 - 114	21.23	1.04	20	
Chloroethane	19.39	1.0	20	0	97.0	70 - 130	19.44	0.235	20	
Chloroform	20.29	1.0	20	0	101	70 - 125	19.77	2.6	20	
Chloromethane	17.9	1.0	20	0	89.5	70 - 130	17.78	0.684	20	
cis-1,2-Dichloroethene	19.53	1.0	20	0	97.6	70 - 128	19.39	0.678	20	
cis-1,3-Dichloropropene	18.8	1.0	20	0	94.0	70 - 125	18.77	0.169	20	
Cyclohexane	20.25	1.0	20	0	101	70 - 130	19.79	2.29	20	
Dibromochloromethane	21.81	1.0	20	0	109	70 - 124	23.27	6.46	20	
Dichlorodifluoromethane	16.49	1.0	20	0	82.5	70 - 130	16.57	0.468	20	
Ethylbenzene	22.48	1.0	20	0	112	70 - 124	22.28	0.891	20	

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439529 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23061089-13MSD** Units: **ug/L** Analysis Date: **21-Jun-2023 16:52**
Client ID: Run ID: **VOA9_439529** SeqNo: **7376831** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	24.29	1.0	20	0	121	70 - 130	24.21	0.33	20	
m,p-Xylene	46.92	2.0	40	0	117	70 - 130	45.74	2.54	20	
Methyl acetate	19.21	1.0	20	0	96.1	76 - 122	18.72	2.61	20	
Methyl tert-butyl ether	20.68	1.0	20	0	103	70 - 130	20.34	1.66	20	
Methylcyclohexane	22.52	1.0	20	0	113	61 - 158	22.94	1.82	20	
Methylene chloride	19.43	2.0	20	0	97.1	70 - 128	20.2	3.88	20	
o-Xylene	22.59	1.0	20	0	113	70 - 124	22.22	1.63	20	
Styrene	23.07	1.0	20	0	115	70 - 130	22.57	2.16	20	
Tetrachloroethene	23.34	1.0	20	0	117	70 - 130	23.96	2.6	20	
Toluene	21.95	1.0	20	0	110	70 - 123	22.69	3.27	20	
trans-1,2-Dichloroethene	20.74	1.0	20	0	104	70 - 130	20.76	0.0784	20	
trans-1,3-Dichloropropene	18.39	1.0	20	0	92.0	70 - 121	18.71	1.71	20	
Trichloroethene	20.8	1.0	20	0	104	70 - 129	21.19	1.85	20	
Trichlorofluoromethane	23.71	1.0	20	0	119	70 - 130	23.16	2.36	20	
Vinyl chloride	18.68	1.0	20	0	93.4	70 - 130	18.77	0.455	20	
Xylenes, Total	69.51	1.0	60	0	116	70 - 130	67.96	2.25	20	
Surr: 1,2-Dichloroethane-d4	*54.66*	*1.0*	*50*	*0*	*109*	*70 - 126*	*54.49*	*0.296*	*20*	
Surr: 4-Bromofluorobenzene	*51.19*	*1.0*	*50*	*0*	*102*	*77 - 113*	*50.75*	*0.857*	*20*	
Surr: Dibromofluoromethane	*50.98*	*1.0*	*50*	*0*	*102*	*77 - 123*	*50.3*	*1.34*	*20*	
Surr: Toluene-d8	*54.25*	*1.0*	*50*	*0*	*108*	*82 - 127*	*55.38*	*2.07*	*20*	

The following samples were analyzed in this batch: HS23061157-01 HS23061157-02 HS23061157-03 HS23061157-04

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-230622** Units: **ug/L** Analysis Date: **22-Jun-2023 14:00**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379491** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-230622** Units: **ug/L** Analysis Date: **22-Jun-2023 14:00**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379491** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	1.0							
Surr: 1,2-Dichloroethane-d4	*51.84*	*1.0*	*50*	*0*	*104*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*55.47*	*1.0*	*50*	*0*	*111*	*77 - 113*			
Surr: Dibromofluoromethane	*49.57*	*1.0*	*50*	*0*	*99.1*	*73 - 126*			
Surr: Toluene-d8	*53.05*	*1.0*	*50*	*0*	*106*	*81 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230622** Units: **ug/L** Analysis Date: **22-Jun-2023 13:17**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379490** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.57	1.0	20	0	103	70 - 130				
1,1,2,2-Tetrachloroethane	18.4	1.0	20	0	92.0	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	26.17	1.0	20	0	131	70 - 130				S
1,1,2-Trichloroethane	19.72	1.0	20	0	98.6	77 - 113				
1,1-Dichloroethane	20.6	1.0	20	0	103	71 - 122				
1,1-Dichloroethene	24.82	1.0	20	0	124	70 - 130				
1,2,4-Trichlorobenzene	20.28	1.0	20	0	101	77 - 126				
1,2-Dibromo-3-chloropropane	18.24	1.0	20	0	91.2	70 - 130				
1,2-Dibromoethane	20.13	1.0	20	0	101	76 - 123				
1,2-Dichlorobenzene	19.37	1.0	20	0	96.9	77 - 113				
1,2-Dichloroethane	22.29	1.0	20	0	111	70 - 124				
1,2-Dichloropropane	20.52	1.0	20	0	103	72 - 119				
1,3-Dichlorobenzene	19.14	1.0	20	0	95.7	78 - 118				
1,4-Dichlorobenzene	19.57	1.0	20	0	97.9	79 - 113				
2-Butanone	34.3	2.0	40	0	85.8	70 - 130				
2-Hexanone	38.56	2.0	40	0	96.4	70 - 130				
4-Methyl-2-pentanone	38.41	2.0	40	0	96.0	70 - 130				
Acetone	48.85	2.0	40	0	122	70 - 130				
Benzene	20	1.0	20	0	100	74 - 120				
Bromodichloromethane	20.69	1.0	20	0	103	74 - 122				
Bromoform	19.3	1.0	20	0	96.5	73 - 128				
Bromomethane	25.9	1.0	20	0	129	70 - 130				
Carbon disulfide	38.69	2.0	40	0	96.7	70 - 130				
Carbon tetrachloride	20.2	1.0	20	0	101	71 - 125				
Chlorobenzene	20.56	1.0	20	0	103	76 - 113				
Chloroethane	26.07	1.0	20	0	130	70 - 130				S
Chloroform	20.66	1.0	20	0	103	71 - 121				
Chloromethane	25.73	1.0	20	0	129	70 - 129				
cis-1,2-Dichloroethene	20.1	1.0	20	0	101	75 - 122				
cis-1,3-Dichloropropene	20.15	1.0	20	0	101	73 - 127				
Cyclohexane	19.41	1.0	20	0	97.0	70 - 130				
Dibromochloromethane	19.8	1.0	20	0	99.0	77 - 122				
Dichlorodifluoromethane	20.93	1.0	20	0	105	70 - 130				
Ethylbenzene	19.69	1.0	20	0	98.5	77 - 117				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230622** Units: **ug/L** Analysis Date: **22-Jun-2023 13:17**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379490** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.12	1.0	20	0	95.6	73 - 127				
m,p-Xylene	41.37	2.0	40	0	103	77 - 122				
Methyl acetate	18.63	1.0	20	0	93.1	76 - 122				
Methyl tert-butyl ether	19.38	1.0	20	0	96.9	70 - 130				
Methylcyclohexane	19.67	1.0	20	0	98.3	61 - 157				
Methylene chloride	19.52	2.0	20	0	97.6	70 - 127				
o-Xylene	19.7	1.0	20	0	98.5	75 - 119				
Styrene	20.66	1.0	20	0	103	72 - 126				
Tetrachloroethene	19.31	1.0	20	0	96.5	76 - 119				
Toluene	20.37	1.0	20	0	102	77 - 118				
trans-1,2-Dichloroethene	20.69	1.0	20	0	103	72 - 127				
trans-1,3-Dichloropropene	20.74	1.0	20	0	104	77 - 119				
Trichloroethene	20.44	1.0	20	0	102	77 - 121				
Trichlorofluoromethane	25.99	1.0	20	0	130	70 - 130				
Vinyl chloride	24.75	1.0	20	0	124	70 - 130				
Xylenes, Total	61.07	1.0	60	0	102	75 - 122				
Surr: 1,2-Dichloroethane-d4	*54.38*	*1.0*	*50*	*0*	*109*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.74*	*1.0*	*50*	*0*	*97.5*	*77 - 113*				
Surr: Dibromofluoromethane	*51.96*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*47.18*	*1.0*	*50*	*0*	*94.4*	*81 - 120*				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061499-01MS** Units: **ug/L** Analysis Date: **22-Jun-2023 15:24**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379495** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.6	1.0	20	0	108	70 - 130				
1,1,2,2-Tetrachloroethane	18.97	1.0	20	0	94.8	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	30.53	1.0	20	0	153	70 - 130				S
1,1,2-Trichloroethane	20.47	1.0	20	0	102	70 - 117				
1,1-Dichloroethane	19.57	1.0	20	0	97.8	70 - 127				
1,1-Dichloroethene	24.75	1.0	20	0	124	70 - 130				
1,2,4-Trichlorobenzene	21.09	1.0	20	0	105	70 - 125				
1,2-Dibromo-3-chloropropane	18.55	1.0	20	0	92.8	70 - 130				
1,2-Dibromoethane	20.29	1.0	20	0	101	70 - 124				
1,2-Dichlorobenzene	22.36	1.0	20	0	112	70 - 115				
1,2-Dichloroethane	22.76	1.0	20	0	114	70 - 127				
1,2-Dichloropropane	20.3	1.0	20	0	101	70 - 122				
1,3-Dichlorobenzene	21.34	1.0	20	0	107	70 - 119				
1,4-Dichlorobenzene	22.88	1.0	20	0	114	70 - 114				S
2-Butanone	34.44	2.0	40	0	86.1	70 - 130				
2-Hexanone	40.96	2.0	40	0	102	70 - 130				
4-Methyl-2-pentanone	37.62	2.0	40	0	94.1	70 - 130				
Acetone	49.56	2.0	40	0	124	70 - 130				
Benzene	20.8	1.0	20	0	104	70 - 127				
Bromodichloromethane	20.2	1.0	20	0	101	70 - 124				
Bromoform	19.92	1.0	20	0	99.6	70 - 129				
Bromomethane	24.98	1.0	20	0	125	70 - 130				
Carbon disulfide	35.23	2.0	40	0	88.1	70 - 130				
Carbon tetrachloride	23.7	1.0	20	0	118	70 - 130				
Chlorobenzene	22.44	1.0	20	0	112	70 - 114				
Chloroethane	25	1.0	20	0	125	70 - 130				
Chloroform	19.78	1.0	20	0	98.9	70 - 125				
Chloromethane	23.58	1.0	20	0	118	70 - 130				
cis-1,2-Dichloroethene	19.53	1.0	20	0	97.6	70 - 128				
cis-1,3-Dichloropropene	19.67	1.0	20	0	98.4	70 - 125				
Cyclohexane	23.48	1.0	20	0	117	70 - 130				
Dibromochloromethane	20.54	1.0	20	0	103	70 - 124				
Dichlorodifluoromethane	20.12	1.0	20	0	101	70 - 130				
Ethylbenzene	22.67	1.0	20	0	113	70 - 124				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23061499-01MS** Units: **ug/L** Analysis Date: **22-Jun-2023 15:24**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379495** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	23.76	1.0	20	0	119	70 - 130				
m,p-Xylene	48.88	2.0	40	0	122	70 - 130				
Methyl acetate	17.84	1.0	20	0	89.2	76 - 122				
Methyl tert-butyl ether	19.53	1.0	20	0	97.7	70 - 130				
Methylcyclohexane	24.65	1.0	20	0	123	61 - 158				
Methylene chloride	18.54	2.0	20	0	92.7	70 - 128				
o-Xylene	22.26	1.0	20	0	111	70 - 124				
Styrene	22.72	1.0	20	0	114	70 - 130				
Tetrachloroethene	24.14	1.0	20	0	121	70 - 130				
Toluene	22.41	1.0	20	0	112	70 - 123				
trans-1,2-Dichloroethene	20.04	1.0	20	0	100	70 - 130				
trans-1,3-Dichloropropene	19.98	1.0	20	0	99.9	70 - 121				
Trichloroethene	21.27	1.0	20	0	106	70 - 129				
Trichlorofluoromethane	27.01	1.0	20	0	135	70 - 130				S
Vinyl chloride	25.34	1.0	20	0	127	70 - 130				
Xylenes, Total	71.13	1.0	60	0	119	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.46*	*1.0*	*50*	*0*	*101*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*48.7*	*1.0*	*50*	*0*	*97.4*	*77 - 113*				
Surr: Dibromofluoromethane	*50.08*	*1.0*	*50*	*0*	*100*	*77 - 123*				
Surr: Toluene-d8	*52.45*	*1.0*	*50*	*0*	*105*	*82 - 127*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061499-01MSD** Units: **ug/L** Analysis Date: **22-Jun-2023 15:45**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379496** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.02	1.0	20	0	105	70 - 130	21.6	2.72	20	
1,1,2,2-Tetrachloroethane	18.1	1.0	20	0	90.5	70 - 123	18.97	4.66	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	29.63	1.0	20	0	148	70 - 130	30.53	3.01	20	S
1,1,2-Trichloroethane	20.49	1.0	20	0	102	70 - 117	20.47	0.111	20	
1,1-Dichloroethane	19.31	1.0	20	0	96.5	70 - 127	19.57	1.32	20	
1,1-Dichloroethene	24.24	1.0	20	0	121	70 - 130	24.75	2.08	20	
1,2,4-Trichlorobenzene	19.93	1.0	20	0	99.7	70 - 125	21.09	5.63	20	
1,2-Dibromo-3-chloropropane	18.79	1.0	20	0	93.9	70 - 130	18.55	1.25	20	
1,2-Dibromoethane	19.87	1.0	20	0	99.4	70 - 124	20.29	2.06	20	
1,2-Dichlorobenzene	20.67	1.0	20	0	103	70 - 115	22.36	7.86	20	
1,2-Dichloroethane	21.89	1.0	20	0	109	70 - 127	22.76	3.9	20	
1,2-Dichloropropane	19.77	1.0	20	0	98.9	70 - 122	20.3	2.61	20	
1,3-Dichlorobenzene	20.23	1.0	20	0	101	70 - 119	21.34	5.33	20	
1,4-Dichlorobenzene	21.69	1.0	20	0	108	70 - 114	22.88	5.33	20	
2-Butanone	35.22	2.0	40	0	88.0	70 - 130	34.44	2.25	20	
2-Hexanone	41.31	2.0	40	0	103	70 - 130	40.96	0.852	20	
4-Methyl-2-pentanone	36.75	2.0	40	0	91.9	70 - 130	37.62	2.36	20	
Acetone	52.02	2.0	40	0	130	70 - 130	49.56	4.86	20	S
Benzene	20.03	1.0	20	0	100	70 - 127	20.8	3.81	20	
Bromodichloromethane	20.01	1.0	20	0	100	70 - 124	20.2	0.935	20	
Bromoform	19.93	1.0	20	0	99.6	70 - 129	19.92	0.0289	20	
Bromomethane	23.63	1.0	20	0	118	70 - 130	24.98	5.55	20	
Carbon disulfide	34.28	2.0	40	0	85.7	70 - 130	35.23	2.73	20	
Carbon tetrachloride	22.67	1.0	20	0	113	70 - 130	23.7	4.45	20	
Chlorobenzene	21.69	1.0	20	0	108	70 - 114	22.44	3.42	20	
Chloroethane	23.96	1.0	20	0	120	70 - 130	25	4.24	20	
Chloroform	19.28	1.0	20	0	96.4	70 - 125	19.78	2.58	20	
Chloromethane	23.15	1.0	20	0	116	70 - 130	23.58	1.86	20	
cis-1,2-Dichloroethene	19.08	1.0	20	0	95.4	70 - 128	19.53	2.31	20	
cis-1,3-Dichloropropene	19.98	1.0	20	0	99.9	70 - 125	19.67	1.54	20	
Cyclohexane	22.77	1.0	20	0	114	70 - 130	23.48	3.06	20	
Dibromochloromethane	20.17	1.0	20	0	101	70 - 124	20.54	1.78	20	
Dichlorodifluoromethane	19.61	1.0	20	0	98.1	70 - 130	20.12	2.55	20	
Ethylbenzene	21.91	1.0	20	0	110	70 - 124	22.67	3.37	20	

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439641 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23061499-01MSD** Units: **ug/L** Analysis Date: **22-Jun-2023 15:45**
Client ID: Run ID: **VOA6_439641** SeqNo: **7379496** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	22.66	1.0	20	0	113	70 - 130	23.76	4.74	20	
m,p-Xylene	46.33	2.0	40	0	116	70 - 130	48.88	5.36	20	
Methyl acetate	18.51	1.0	20	0	92.6	76 - 122	17.84	3.68	20	
Methyl tert-butyl ether	19.95	1.0	20	0	99.7	70 - 130	19.53	2.11	20	
Methylcyclohexane	24.28	1.0	20	0	121	61 - 158	24.65	1.49	20	
Methylene chloride	18.07	2.0	20	0	90.3	70 - 128	18.54	2.57	20	
o-Xylene	21.86	1.0	20	0	109	70 - 124	22.26	1.81	20	
Styrene	22.23	1.0	20	0	111	70 - 130	22.72	2.17	20	
Tetrachloroethene	23.03	1.0	20	0	115	70 - 130	24.14	4.72	20	
Toluene	21.44	1.0	20	0	107	70 - 123	22.41	4.4	20	
trans-1,2-Dichloroethene	19.42	1.0	20	0	97.1	70 - 130	20.04	3.19	20	
trans-1,3-Dichloropropene	20.06	1.0	20	0	100	70 - 121	19.98	0.428	20	
Trichloroethene	20.54	1.0	20	0	103	70 - 129	21.27	3.48	20	
Trichlorofluoromethane	26.54	1.0	20	0	133	70 - 130	27.01	1.74	20	S
Vinyl chloride	23.94	1.0	20	0	120	70 - 130	25.34	5.68	20	
Xylenes, Total	68.18	1.0	60	0	114	70 - 130	71.13	4.24	20	
Surr: 1,2-Dichloroethane-d4	*50.78*	*1.0*	*50*	*0*	*102*	*70 - 126*	*50.46*	*0.626*	*20*	
Surr: 4-Bromofluorobenzene	*50.47*	*1.0*	*50*	*0*	*101*	*77 - 113*	*48.7*	*3.57*	*20*	
Surr: Dibromofluoromethane	*50.12*	*1.0*	*50*	*0*	*100*	*77 - 123*	*50.08*	*0.0874*	*20*	
Surr: Toluene-d8	*52.1*	*1.0*	*50*	*0*	*104*	*82 - 127*	*52.45*	*0.664*	*20*	

The following samples were analyzed in this batch: HS23061157-05 HS23061157-06 HS23061157-07 HS23061157-08 HS23061157-09 HS23061157-10

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-230623** Units: **ug/L** Analysis Date: **23-Jun-2023 21:11**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	U	1.0							
1,1,2,2-Tetrachloroethane	U	1.0							
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0							
1,1,2-Trichloroethane	U	1.0							
1,1-Dichloroethane	U	1.0							
1,1-Dichloroethene	U	1.0							
1,2,4-Trichlorobenzene	U	1.0							
1,2-Dibromo-3-chloropropane	U	1.0							
1,2-Dibromoethane	U	1.0							
1,2-Dichlorobenzene	U	1.0							
1,2-Dichloroethane	U	1.0							
1,2-Dichloropropane	U	1.0							
1,3-Dichlorobenzene	U	1.0							
1,4-Dichlorobenzene	U	1.0							
2-Butanone	U	2.0							
2-Hexanone	U	2.0							
4-Methyl-2-pentanone	U	2.0							
Acetone	U	2.0							
Benzene	U	1.0							
Bromodichloromethane	U	1.0							
Bromoform	U	1.0							
Bromomethane	U	1.0							
Carbon disulfide	U	2.0							
Carbon tetrachloride	U	1.0							
Chlorobenzene	U	1.0							
Chloroethane	U	1.0							
Chloroform	U	1.0							
Chloromethane	U	1.0							
cis-1,2-Dichloroethene	U	1.0							
cis-1,3-Dichloropropene	U	1.0							
Cyclohexane	U	1.0							
Dibromochloromethane	U	1.0							
Dichlorodifluoromethane	U	1.0							
Ethylbenzene	U	1.0							

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230623** Units: **ug/L** Analysis Date: **23-Jun-2023 21:11**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	1.0								
Surr: 1,2-Dichloroethane-d4	*49.12*	*1.0*	*50*	*0*	*98.2*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*46.1*	*1.0*	*50*	*0*	*92.2*	*77 - 113*				
Surr: Dibromofluoromethane	*49.65*	*1.0*	*50*	*0*	*99.3*	*73 - 126*				
Surr: Toluene-d8	*49.46*	*1.0*	*50*	*0*	*98.9*	*81 - 120*				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230623** Units: **ug/L** Analysis Date: **23-Jun-2023 20:28**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383467** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.06	1.0	20	0	80.3	70 - 130				
1,1,2,2-Tetrachloroethane	18.76	1.0	20	0	93.8	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	18.62	1.0	20	0	93.1	70 - 130				
1,1,2-Trichloroethane	17.45	1.0	20	0	87.3	77 - 113				
1,1-Dichloroethane	16.72	1.0	20	0	83.6	71 - 122				
1,1-Dichloroethene	17.86	1.0	20	0	89.3	70 - 130				
1,2,4-Trichlorobenzene	17.91	1.0	20	0	89.6	77 - 126				
1,2-Dibromo-3-chloropropane	18	1.0	20	0	90.0	70 - 130				
1,2-Dibromoethane	17.72	1.0	20	0	88.6	76 - 123				
1,2-Dichlorobenzene	18.26	1.0	20	0	91.3	77 - 113				
1,2-Dichloroethane	17.48	1.0	20	0	87.4	70 - 124				
1,2-Dichloropropane	16.78	1.0	20	0	83.9	72 - 119				
1,3-Dichlorobenzene	17.8	1.0	20	0	89.0	78 - 118				
1,4-Dichlorobenzene	17.87	1.0	20	0	89.4	79 - 113				
2-Butanone	34.46	2.0	40	0	86.1	70 - 130				
2-Hexanone	31.82	2.0	40	0	79.5	70 - 130				
4-Methyl-2-pentanone	32.28	2.0	40	0	80.7	70 - 130				
Acetone	35.05	2.0	40	0	87.6	70 - 130				
Benzene	16.99	1.0	20	0	84.9	74 - 120				
Bromodichloromethane	16.55	1.0	20	0	82.7	74 - 122				
Bromoform	15.14	1.0	20	0	75.7	73 - 128				
Bromomethane	20.37	1.0	20	0	102	70 - 130				
Carbon disulfide	33.15	2.0	40	0	82.9	70 - 130				
Carbon tetrachloride	16.89	1.0	20	0	84.5	71 - 125				
Chlorobenzene	17.44	1.0	20	0	87.2	76 - 113				
Chloroethane	18.66	1.0	20	0	93.3	70 - 130				
Chloroform	17.22	1.0	20	0	86.1	71 - 121				
Chloromethane	16.17	1.0	20	0	80.8	70 - 129				
cis-1,2-Dichloroethene	18.12	1.0	20	0	90.6	75 - 122				
cis-1,3-Dichloropropene	15.72	1.0	20	0	78.6	73 - 127				
Cyclohexane	18.04	1.0	20	0	90.2	70 - 130				
Dibromochloromethane	16.62	1.0	20	0	83.1	77 - 122				
Dichlorodifluoromethane	19.59	1.0	20	0	98.0	70 - 130				
Ethylbenzene	16.94	1.0	20	0	84.7	77 - 117				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-230623** Units: **ug/L** Analysis Date: **23-Jun-2023 20:28**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383467** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	17.25	1.0	20	0	86.2	73 - 127				
m,p-Xylene	34.01	2.0	40	0	85.0	77 - 122				
Methyl acetate	17.51	1.0	20	0	87.6	76 - 122				
Methyl tert-butyl ether	15.85	1.0	20	0	79.3	70 - 130				
Methylcyclohexane	17.77	1.0	20	0	88.8	61 - 157				
Methylene chloride	18.43	2.0	20	0	92.1	70 - 127				
o-Xylene	16.65	1.0	20	0	83.2	75 - 119				
Styrene	16.92	1.0	20	0	84.6	72 - 126				
Tetrachloroethene	18	1.0	20	0	90.0	76 - 119				
Toluene	16.98	1.0	20	0	84.9	77 - 118				
trans-1,2-Dichloroethene	16.55	1.0	20	0	82.8	72 - 127				
trans-1,3-Dichloropropene	15.7	1.0	20	0	78.5	77 - 119				
Trichloroethene	17.89	1.0	20	0	89.4	77 - 121				
Trichlorofluoromethane	20.08	1.0	20	0	100	70 - 130				
Vinyl chloride	17.62	1.0	20	0	88.1	70 - 130				
Xylenes, Total	50.65	1.0	60	0	84.4	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.33*	*1.0*	*50*	*0*	*98.7*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*47.81*	*1.0*	*50*	*0*	*95.6*	*77 - 113*				
Surr: Dibromofluoromethane	*49.38*	*1.0*	*50*	*0*	*98.8*	*73 - 126*				
Surr: Toluene-d8	*49.57*	*1.0*	*50*	*0*	*99.1*	*81 - 120*				

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061354-03MS** Units: **ug/L** Analysis Date: **24-Jun-2023 00:02**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383476** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	712.8	50	1000	0	71.3	70 - 130			
1,1,2,2-Tetrachloroethane	735.7	50	1000	0	73.6	70 - 123			
1,1,2-Trichlor-1,2,2-trifluoroethane	873.2	50	1000	0	87.3	70 - 130			
1,1,2-Trichloroethane	3162	50	1000	2485	67.7	70 - 117			S
1,1-Dichloroethane	1849	50	1000	1140	71.0	70 - 127			
1,1-Dichloroethene	1099	50	1000	354.5	74.5	70 - 130			
1,2,4-Trichlorobenzene	683.4	50	1000	0	68.3	70 - 125			S
1,2-Dibromo-3-chloropropane	725.8	50	1000	0	72.6	70 - 130			
1,2-Dibromoethane	701	50	1000	0	70.1	70 - 124			
1,2-Dichlorobenzene	739	50	1000	0	73.9	70 - 115			
1,2-Dichloroethane	16380	50	1000	16330	4.69	70 - 127			SEO
1,2-Dichloropropane	704.3	50	1000	0	70.4	70 - 122			
1,3-Dichlorobenzene	733.6	50	1000	0	73.4	70 - 119			
1,4-Dichlorobenzene	728.2	50	1000	0	72.8	70 - 114			
2-Butanone	1582	100	2000	0	79.1	70 - 130			
2-Hexanone	1357	100	2000	0	67.9	70 - 130			S
4-Methyl-2-pentanone	1357	100	2000	0	67.9	70 - 130			S
Acetone	1473	100	2000	0	73.7	70 - 130			
Benzene	785.5	50	1000	56.31	72.9	70 - 127			
Bromodichloromethane	686.7	50	1000	0	68.7	70 - 124			S
Bromoform	617.5	50	1000	0	61.7	70 - 129			S
Bromomethane	879.3	50	1000	0	87.9	70 - 130			
Carbon disulfide	1402	100	2000	0	70.1	70 - 130			
Carbon tetrachloride	836.9	50	1000	38.72	79.8	70 - 130			
Chlorobenzene	793.2	50	1000	0	79.3	70 - 114			
Chloroethane	817.4	50	1000	0	81.7	70 - 130			
Chloroform	7296	50	1000	6843	45.3	70 - 125			SO
Chloromethane	721.2	50	1000	0	72.1	70 - 130			
cis-1,2-Dichloroethene	1560	50	1000	786.7	77.3	70 - 128			
cis-1,3-Dichloropropene	638.2	50	1000	0	63.8	70 - 125			S
Cyclohexane	850.2	50	1000	0	85.0	70 - 130			
Dibromochloromethane	673.3	50	1000	0	67.3	70 - 124			S
Dichlorodifluoromethane	833.2	50	1000	0	83.3	70 - 130			
Ethylbenzene	733.9	50	1000	0	73.4	70 - 124			

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23061354-03MS** Units: **ug/L** Analysis Date: **24-Jun-2023 00:02**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383476** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	741.1	50	1000	0	74.1	70 - 130			
m,p-Xylene	1464	100	2000	0	73.2	70 - 130			
Methyl acetate	570	50	1000	0	57.0	76 - 122			S
Methyl tert-butyl ether	623.1	50	1000	0	62.3	70 - 130			S
Methylcyclohexane	775.4	50	1000	0	77.5	61 - 158			
Methylene chloride	964.7	100	1000	247.6	71.7	70 - 128			
o-Xylene	712.9	50	1000	0	71.3	70 - 124			
Styrene	686.4	50	1000	0	68.6	70 - 130			S
Tetrachloroethene	895.5	50	1000	107.8	78.8	70 - 130			
Toluene	723.4	50	1000	0	72.3	70 - 123			
trans-1,2-Dichloroethene	862.4	50	1000	151.2	71.1	70 - 130			
trans-1,3-Dichloropropene	606.5	50	1000	0	60.7	70 - 121			S
Trichloroethene	2176	50	1000	1418	75.8	70 - 129			
Trichlorofluoromethane	853.8	50	1000	0	85.4	70 - 130			
Vinyl chloride	3253	50	1000	2589	66.4	70 - 130			S
Xylenes, Total	2176	50	3000	0	72.5	70 - 130			
Surr: 1,2-Dichloroethane-d4	*2258*	*50*	*2500*	*0*	*90.3*	*70 - 126*			
Surr: 4-Bromofluorobenzene	*2399*	*50*	*2500*	*0*	*96.0*	*77 - 113*			
Surr: Dibromofluoromethane	*2504*	*50*	*2500*	*0*	*100*	*77 - 123*			
Surr: Toluene-d8	*2449*	*50*	*2500*	*0*	*98.0*	*82 - 127*			

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23061354-03MSD** Units: **ug/L** Analysis Date: **24-Jun-2023 00:24**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383477** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	703.8	50	1000	0	70.4	70 - 130	712.8	1.28	20	
1,1,2,2-Tetrachloroethane	780.4	50	1000	0	78.0	70 - 123	735.7	5.9	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	842.4	50	1000	0	84.2	70 - 130	873.2	3.59	20	
1,1,2-Trichloroethane	3179	50	1000	2485	69.4	70 - 117	3162	0.551	20	S
1,1-Dichloroethane	1817	50	1000	1140	67.7	70 - 127	1849	1.79	20	S
1,1-Dichloroethene	1128	50	1000	354.5	77.4	70 - 130	1099	2.57	20	
1,2,4-Trichlorobenzene	728	50	1000	0	72.8	70 - 125	683.4	6.31	20	
1,2-Dibromo-3-chloropropane	768	50	1000	0	76.8	70 - 130	725.8	5.66	20	
1,2-Dibromoethane	719.6	50	1000	0	72.0	70 - 124	701	2.62	20	
1,2-Dichlorobenzene	768.8	50	1000	0	76.9	70 - 115	739	3.95	20	
1,2-Dichloroethane	16540	50	1000	16330	20.4	70 - 127	16380	0.952	20	SEO
1,2-Dichloropropane	694	50	1000	0	69.4	70 - 122	704.3	1.48	20	S
1,3-Dichlorobenzene	750	50	1000	0	75.0	70 - 119	733.6	2.21	20	
1,4-Dichlorobenzene	762.5	50	1000	0	76.3	70 - 114	728.2	4.61	20	
2-Butanone	1609	100	2000	0	80.4	70 - 130	1582	1.66	20	
2-Hexanone	1416	100	2000	0	70.8	70 - 130	1357	4.23	20	
4-Methyl-2-pentanone	1421	100	2000	0	71.0	70 - 130	1357	4.58	20	
Acetone	1331	100	2000	0	66.5	70 - 130	1473	10.2	20	S
Benzene	774.6	50	1000	56.31	71.8	70 - 127	785.5	1.4	20	
Bromodichloromethane	689.3	50	1000	0	68.9	70 - 124	686.7	0.39	20	S
Bromoform	622.6	50	1000	0	62.3	70 - 129	617.5	0.836	20	S
Bromomethane	828.2	50	1000	0	82.8	70 - 130	879.3	5.98	20	
Carbon disulfide	1366	100	2000	0	68.3	70 - 130	1402	2.58	20	S
Carbon tetrachloride	795.9	50	1000	38.72	75.7	70 - 130	836.9	5.02	20	
Chlorobenzene	803.6	50	1000	0	80.4	70 - 114	793.2	1.3	20	
Chloroethane	798.6	50	1000	0	79.9	70 - 130	817.4	2.32	20	
Chloroform	7171	50	1000	6843	32.8	70 - 125	7296	1.73	20	SO
Chloromethane	708.4	50	1000	0	70.8	70 - 130	721.2	1.8	20	
cis-1,2-Dichloroethene	1546	50	1000	786.7	75.9	70 - 128	1560	0.905	20	
cis-1,3-Dichloropropene	644.8	50	1000	0	64.5	70 - 125	638.2	1.02	20	S
Cyclohexane	841.5	50	1000	0	84.2	70 - 130	850.2	1.02	20	
Dibromochloromethane	672	50	1000	0	67.2	70 - 124	673.3	0.185	20	S
Dichlorodifluoromethane	819.6	50	1000	0	82.0	70 - 130	833.2	1.64	20	
Ethylbenzene	728.2	50	1000	0	72.8	70 - 124	733.9	0.783	20	

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23061157

QC BATCH REPORT

Batch ID: R439800 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23061354-03MSD** Units: **ug/L** Analysis Date: **24-Jun-2023 00:24**
Client ID: Run ID: **VOA7_439800** SeqNo: **7383477** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	735.2	50	1000	0	73.5	70 - 130	741.1	0.799	20	
m,p-Xylene	1449	100	2000	0	72.5	70 - 130	1464	0.984	20	
Methyl acetate	573.7	50	1000	0	57.4	76 - 122	570	0.659	20	S
Methyl tert-butyl ether	630.3	50	1000	0	63.0	70 - 130	623.1	1.15	20	S
Methylcyclohexane	776.7	50	1000	0	77.7	61 - 158	775.4	0.174	20	
Methylene chloride	1022	100	1000	247.6	77.5	70 - 128	964.7	5.81	20	
o-Xylene	710.4	50	1000	0	71.0	70 - 124	712.9	0.351	20	
Styrene	694.9	50	1000	0	69.5	70 - 130	686.4	1.24	20	S
Tetrachloroethene	890.3	50	1000	107.8	78.2	70 - 130	895.5	0.577	20	
Toluene	720.5	50	1000	0	72.1	70 - 123	723.4	0.402	20	
trans-1,2-Dichloroethene	875.1	50	1000	151.2	72.4	70 - 130	862.4	1.47	20	
trans-1,3-Dichloropropene	618	50	1000	0	61.8	70 - 121	606.5	1.88	20	S
Trichloroethene	2133	50	1000	1418	71.5	70 - 129	2176	1.97	20	
Trichlorofluoromethane	882.7	50	1000	0	88.3	70 - 130	853.8	3.32	20	
Vinyl chloride	3160	50	1000	2589	57.1	70 - 130	3253	2.9	20	S
Xylenes, Total	2160	50	3000	0	72.0	70 - 130	2176	0.776	20	
Surr: 1,2-Dichloroethane-d4	*2274*	*50*	*2500*	*0*	*90.9*	*70 - 126*	*2258*	*0.691*	*20*	
Surr: 4-Bromofluorobenzene	*2355*	*50*	*2500*	*0*	*94.2*	*77 - 113*	*2399*	*1.85*	*20*	
Surr: Dibromofluoromethane	*2485*	*50*	*2500*	*0*	*99.4*	*77 - 123*	*2504*	*0.744*	*20*	
Surr: Toluene-d8	*2451*	*50*	*2500*	*0*	*98.0*	*82 - 127*	*2449*	*0.0682*	*20*	

The following samples were analyzed in this batch: HS23061157-12 HS23061157-13 HS23061157-14 HS23061157-15

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ALS Houston, US Date: 17-Jul-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23061157**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

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ALS Houston, US Date: 17-Jul-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352; 2022-2023	31-Jul-2023
Louisiana	03087-2023	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932022-13	31-Jul-2023

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ALS Houston, US Date: 17-Jul-23

Sample Receipt Checklist

Work Order ID: HS23061157 **Date/Time Received:** 17-Jun-2023 09:45

Client Name: GHDHouston **Received by:** Corey Grandits

Completed By: /S/ Nilesh D. Ranchod (eSignature) 17-Jun-2023 11:51 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: **Water** Carrier name: **FedEx Priority Overnight**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:268244
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☐	No ☑	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	3.0C/2.9C UC/C	IR 31
Cooler(s)/Kit(s):	46076	
Date/Time sample(s) sent to storage:	06/17/2023 11:50	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Sx Id differ Chain 6-49B-20230616 Labels = 6-49D-20230616, Sx label times differ 6-33-20230616 Chain = 13:30 Labels = 13:10 logged per chain, Limited sx Volume PCBs samples , 6-16 (600ml) & 6-45 (500ml)

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Chain of Custody Form

Page 1 of 2

COC ID: 268247

HS23061157

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information	
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023
Work Order		Project Number	12603647
Company Name	GHD	Bill To Company	Transwestern Pipeline Company
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258
Phone	(713) 734-3090	Phone	
Fax	(713) 734-3391	Fax	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co

A 8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
B PCB_W_Total (8082 PCB) [2x1L Am G Neat]
C 300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
D TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
E 8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
F
G
H
I
J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hol
1	12603647-TB01			Water	1,8	2					X						
2	6-12-20230616	6/16/23	1110	GW		3	X	X									
3	6-16-20230616	6/16/23	1130	GW		4	X	X									
4	6-14-20230616	6/16/23	1020	GW		5	X	X									
5	6-41-20230616	6/16/23	1045	GW		5	X	X									
6	6-42-20230616	6/16/23	1030	GW		3	X										
7	6-45-20230616	6/16/23	1150	GW		4	X	X									
8	6-46-20230616	6/16/23	1205	GW		4	X	X									
9	6-47-20230616	6/16/23	1220	GW		3	X										
10	6-49-20230616	6/16/23	1255	GW		3	X										

Sampler(s) Please Print & Sign | **Shipment Method** | **Required Turnaround Time: (Check Box)** [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other | **Results Due Date:**

Relinquished by:	Date: 6/16/23	Time: 1630	Received by:	Notes: TPC Laguna NM
Relinquished by:	Date:	Time:	Received by (Laboratory): CG 6.17.23 0945	Cooler ID: 46176 / 17231 — Cooler Temp.: 3.0 °C
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Data
[ ] Level IV SVM&B/CLP
[ ] Other
[ ] TRRP Checklist
[ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

IR#31 CF-0.1

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

Page _____ of _____

COC ID: 268244

HS23061157

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information	
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023
Work Order		Project Number	12603647
Company Name	GHD	Bill To Company	Transwestern Pipeline Company
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258
Phone	(713) 734-3090	Phone	
Fax	(713) 734-3391	Fax	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com

A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
F	
G	
H	
I	
J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	6-09-20230616	6/16/23	1400	GW	1,3,8	6	X		X	X							
3	6-28-20230616	6/16/23	1330	GW		3	X										
4	6-498-20230616	6/16/23	1240	GW		3	X										
5	6-488-20230616	6/16/23	1250	GW		3	X										
6	6-33-20230616	6/16/23	1330	GW		3	X										
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: Cooler

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date: 6/16/23	Time: 1630	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): CH 6.17.23 0745	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
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46076

CUSTODY SEAL
Date: 6/16/23 Time: 1680
Name:
Company:

Seal Broken By:
Date: 06/17/23

46076

JUN 17 2023

ALS

46076

ORIGIN ID:SGRA (505) 934-0902
SIMON KOZIK
GHD
6121 INDIAN SCHOOL RD

ALBUQUERQUE, NM 87110
UNITED STATES US

SHIP DATE: 31MAY23
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3704
DIMS: 26x14x14 IN

TO SHIPPING DEPT
ALS LABORATORY GROUP
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: 12603647 - LAGUNA=BO 93389 - DW

RMA:

FedEx Express

FedEx
TRK# 0221 6230 3000 5815

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO SGRA

77099
TX-US IAH

L

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10450 Stancliff Rd. Suite 210
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T: +1 281 530 5656
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October 04, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23091352**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 6 sample(s) on Sep 22, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23091352

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23091352-01	12603647-TB01	Water	cg-071023-747	21-Sep-2023 00:00	22-Sep-2023 09:30	☐
HS23091352-02	6-09-20230921	Groundwater		21-Sep-2023 10:00	22-Sep-2023 09:30	☐
HS23091352-03	6-13-20230921	Groundwater		21-Sep-2023 09:20	22-Sep-2023 09:30	☐
HS23091352-04	6-14-20230921	Groundwater		21-Sep-2023 09:50	22-Sep-2023 09:30	☐
HS23091352-05	6-21B-20230921	Groundwater		21-Sep-2023 09:00	22-Sep-2023 09:30	☐
HS23091352-06	DUP-01	Groundwater		21-Sep-2023 00:00	22-Sep-2023 09:30	☐

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ALS Houston, US Date: 04-Oct-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23091352

ECD Organics by Method SW8082

Batch ID: 201124

Sample ID: MBLK-201124

• Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

Sample ID: 6-09-20230921 (HS23091352-02)

• Surrogate Tetrachloro-m-xylene failed high. Sample results are ND.

GCMS Volatiles by Method SW8260

Batch ID: R447408

Sample ID: 6-09-20230921 (HS23091352-02)

• Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-13-20230921 (HS23091352-03)

• Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-14-20230921 (HS23091352-04)

• Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-21B-20230921 (HS23091352-05)

• Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: DUP-01 (HS23091352-06)

• Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: HS23091354-01MS

• MS and MSD are for an unrelated sample

WetChemistry by Method SW9060

Batch ID: R447864,R448005

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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ALS Houston, US Date: 04-Oct-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23091352

WetChemistry by Method E300

Batch ID: R447147

Sample ID: 6-13-20230921 (HS23091352-03MS)

- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. (Sulfate)
- The recovery of the Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) associated with this analyte was outside of the established control limits. However, the LCS was within control limits. The recovery of the MS/MSD may be due to sample matrix interference. (Nitrate/Nitrite (as N),Nitrogen, Nitrite (As N))

Sample ID: HS23091357-21MS

- MS and MSD are for an unrelated sample (Sulfate)

Sample ID: HS23091357-27MS

- MS and MSD are for an unrelated sample (Sulfate)

Batch ID: R447283

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 21-Sep-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,1,2-Trichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,1-Dichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,1-Dichloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,2-Dibromoethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,2-Dichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,2-Dichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,2-Dichloropropane	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,3-Dichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
1,4-Dichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
2-Butanone	U		0.0020	mg/L	1	27-Sep-2023 00:09
2-Hexanone	U		0.0020	mg/L	1	27-Sep-2023 00:09
4-Methyl-2-pentanone	U		0.0020	mg/L	1	27-Sep-2023 00:09
Acetone	U		0.0020	mg/L	1	27-Sep-2023 00:09
Benzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
Bromodichloromethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
Bromoform	U		0.0010	mg/L	1	27-Sep-2023 00:09
Bromomethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
Carbon disulfide	U		0.0020	mg/L	1	27-Sep-2023 00:09
Carbon tetrachloride	U		0.0010	mg/L	1	27-Sep-2023 00:09
Chlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
Chloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
Chloroform	U		0.0010	mg/L	1	27-Sep-2023 00:09
Chloromethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:09
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Sep-2023 00:09
Cyclohexane	U		0.0010	mg/L	1	27-Sep-2023 00:09
Dibromochloromethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
Dichlorodifluoromethane	U		0.0010	mg/L	1	27-Sep-2023 00:09
Ethylbenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
Isopropylbenzene	U		0.0010	mg/L	1	27-Sep-2023 00:09
m,p-Xylene	U		0.0020	mg/L	1	27-Sep-2023 00:09
Methyl acetate	U		0.0010	mg/L	1	27-Sep-2023 00:09
Methyl tert-butyl ether	U		0.0010	mg/L	1	27-Sep-2023 00:09
Methylcyclohexane	U		0.0010	mg/L	1	27-Sep-2023 00:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 21-Sep-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	27-Sep-2023 00:09
o-Xylene		U	0.0010	mg/L	1	27-Sep-2023 00:09
Styrene		U	0.0010	mg/L	1	27-Sep-2023 00:09
Tetrachloroethene		U	0.0010	mg/L	1	27-Sep-2023 00:09
Toluene		U	0.0010	mg/L	1	27-Sep-2023 00:09
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	27-Sep-2023 00:09
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	27-Sep-2023 00:09
Trichloroethene		U	0.0010	mg/L	1	27-Sep-2023 00:09
Trichlorofluoromethane		U	0.0010	mg/L	1	27-Sep-2023 00:09
Vinyl chloride		U	0.0010	mg/L	1	27-Sep-2023 00:09
Xylenes, Total		U	0.0030	mg/L	1	27-Sep-2023 00:09
Surr: 1,2-Dichloroethane-d4	*89.8*		*70-126*	*%REC*	*1*	*27-Sep-2023 00:09*
Surr: 4-Bromofluorobenzene	*90.9*		*77-113*	*%REC*	*1*	*27-Sep-2023 00:09*
Surr: Dibromofluoromethane	*95.0*		*77-123*	*%REC*	*1*	*27-Sep-2023 00:09*
Surr: Toluene-d8	*98.4*		*82-127*	*%REC*	*1*	*27-Sep-2023 00:09*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-09-20230921
Collection Date: 21-Sep-2023 10:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 04:42
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 04:42
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
2-Butanone	U		0.10	mg/L	50	27-Sep-2023 04:42
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 04:42
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 04:42
Acetone	U		0.10	mg/L	50	27-Sep-2023 04:42
Benzene	U		0.050	mg/L	50	27-Sep-2023 04:42
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 04:42
Bromoform	U		0.050	mg/L	50	27-Sep-2023 04:42
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 04:42
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 04:42
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 04:42
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 04:42
Chloroform	U		0.050	mg/L	50	27-Sep-2023 04:42
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 04:42
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 04:42
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 04:42
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 04:42
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 04:42
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 04:42
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 04:42
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 04:42
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 04:42
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 04:42
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 04:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-09-20230921
Collection Date: 21-Sep-2023 10:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 04:42
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 04:42
Styrene	U		0.050	mg/L	50	27-Sep-2023 04:42
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 04:42
Toluene	U		0.050	mg/L	50	27-Sep-2023 04:42
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 04:42
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 04:42
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 04:42
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 04:42
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 04:42
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 04:42
Surr: 1,2-Dichloroethane-d4	*90.0*		*70-126*	*%REC*	*50*	*27-Sep-2023 04:42*
Surr: 4-Bromofluorobenzene	*92.3*		*77-113*	*%REC*	*50*	*27-Sep-2023 04:42*
Surr: Dibromofluoromethane	*93.0*		*77-123*	*%REC*	*50*	*27-Sep-2023 04:42*
Surr: Toluene-d8	*95.5*		*82-127*	*%REC*	*50*	*27-Sep-2023 04:42*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.000500	mg/L	1	29-Sep-2023 12:38
Aroclor 1221	U		0.000500	mg/L	1	29-Sep-2023 12:38
Aroclor 1232	U		0.000500	mg/L	1	29-Sep-2023 12:38
Aroclor 1242	U		0.000500	mg/L	1	29-Sep-2023 12:38
Aroclor 1248	U		0.000500	mg/L	1	29-Sep-2023 12:38
Aroclor 1254	U		0.000500	mg/L	1	29-Sep-2023 12:38
Aroclor 1260	U		0.000500	mg/L	1	29-Sep-2023 12:38
PCBs (Total)	U		0.000500	mg/L	1	29-Sep-2023 12:38
Surr: Decachlorobiphenyl	*113*		*54-140*	*%REC*	*1*	*29-Sep-2023 12:38*
Surr: Tetrachloro-m-xylene	*275*	*S*	*53-137*	*%REC*	*1*	*29-Sep-2023 12:38*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	**2.45**		**0.100**	**mg/L**	1	22-Sep-2023 22:55
Nitrogen, Nitrite (As N)	**0.407**		**0.100**	**mg/L**	1	22-Sep-2023 22:55
Sulfate	**58.2**		**0.500**	**mg/L**	1	22-Sep-2023 22:55
Nitrate/Nitrite (as N)	**2.86**		**0.200**	**mg/L**	1	22-Sep-2023 22:55
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**1,810**		**100**	**mg/L**	100	03-Oct-2023 09:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-13-20230921
Collection Date: 21-Sep-2023 09:20

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:05
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 05:05
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
2-Butanone	U		0.10	mg/L	50	27-Sep-2023 05:05
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 05:05
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 05:05
Acetone	U		0.10	mg/L	50	27-Sep-2023 05:05
Benzene	U		0.050	mg/L	50	27-Sep-2023 05:05
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 05:05
Bromoform	U		0.050	mg/L	50	27-Sep-2023 05:05
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 05:05
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 05:05
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 05:05
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 05:05
Chloroform	U		0.050	mg/L	50	27-Sep-2023 05:05
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 05:05
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:05
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 05:05
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 05:05
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 05:05
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 05:05
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 05:05
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 05:05
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 05:05
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 05:05
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 05:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-13-20230921
Collection Date: 21-Sep-2023 09:20

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 05:05
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 05:05
Styrene	U		0.050	mg/L	50	27-Sep-2023 05:05
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 05:05
Toluene	U		0.050	mg/L	50	27-Sep-2023 05:05
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:05
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 05:05
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:05
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 05:05
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 05:05
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 05:05
Surr: 1,2-Dichloroethane-d4	*90.6*		*70-126*	*%REC*	*50*	*27-Sep-2023 05:05*
Surr: 4-Bromofluorobenzene	*91.0*		*77-113*	*%REC*	*50*	*27-Sep-2023 05:05*
Surr: Dibromofluoromethane	*95.3*		*77-123*	*%REC*	*50*	*27-Sep-2023 05:05*
Surr: Toluene-d8	*98.8*		*82-127*	*%REC*	*50*	*27-Sep-2023 05:05*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.000500	mg/L	1	29-Sep-2023 12:51
Aroclor 1221	U		0.000500	mg/L	1	29-Sep-2023 12:51
Aroclor 1232	U		0.000500	mg/L	1	29-Sep-2023 12:51
Aroclor 1242	U		0.000500	mg/L	1	29-Sep-2023 12:51
Aroclor 1248	U		0.000500	mg/L	1	29-Sep-2023 12:51
Aroclor 1254	U		0.000500	mg/L	1	29-Sep-2023 12:51
Aroclor 1260	U		0.000500	mg/L	1	29-Sep-2023 12:51
PCBs (Total)	U		0.000500	mg/L	1	29-Sep-2023 12:51
Surr: Decachlorobiphenyl	*81.5*		*54-140*	*%REC*	*1*	*29-Sep-2023 12:51*
Surr: Tetrachloro-m-xylene	*74.5*		*53-137*	*%REC*	*1*	*29-Sep-2023 12:51*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	22-Sep-2023 23:01
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	22-Sep-2023 23:01
Sulfate	**154**		**2.50**	**mg/L**	5	25-Sep-2023 17:53
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	22-Sep-2023 23:01
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**42.6**		**1.00**	**mg/L**	1	30-Sep-2023 00:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-14-20230921
Collection Date: 21-Sep-2023 09:50

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:28
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 05:28
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
2-Butanone	**0.45**		**0.10**	**mg/L**	50	27-Sep-2023 05:28
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 05:28
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 05:28
Acetone	U		0.10	mg/L	50	27-Sep-2023 05:28
Benzene	U		0.050	mg/L	50	27-Sep-2023 05:28
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 05:28
Bromoform	U		0.050	mg/L	50	27-Sep-2023 05:28
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 05:28
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 05:28
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 05:28
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 05:28
Chloroform	U		0.050	mg/L	50	27-Sep-2023 05:28
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 05:28
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:28
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 05:28
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 05:28
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 05:28
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 05:28
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 05:28
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 05:28
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 05:28
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 05:28
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 05:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-14-20230921
Collection Date: 21-Sep-2023 09:50

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 05:28
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 05:28
Styrene	U		0.050	mg/L	50	27-Sep-2023 05:28
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 05:28
Toluene	U		0.050	mg/L	50	27-Sep-2023 05:28
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:28
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 05:28
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:28
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 05:28
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 05:28
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 05:28
Surr: 1,2-Dichloroethane-d4	*88.3*		*70-126*	*%REC*	*50*	*27-Sep-2023 05:28*
Surr: 4-Bromofluorobenzene	*94.5*		*77-113*	*%REC*	*50*	*27-Sep-2023 05:28*
Surr: Dibromofluoromethane	*92.3*		*77-123*	*%REC*	*50*	*27-Sep-2023 05:28*
Surr: Toluene-d8	*97.0*		*82-127*	*%REC*	*50*	*27-Sep-2023 05:28*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.000500	mg/L	1	29-Sep-2023 13:03
Aroclor 1221	U		0.000500	mg/L	1	29-Sep-2023 13:03
Aroclor 1232	U		0.000500	mg/L	1	29-Sep-2023 13:03
Aroclor 1242	U		0.000500	mg/L	1	29-Sep-2023 13:03
Aroclor 1248	U		0.000500	mg/L	1	29-Sep-2023 13:03
Aroclor 1254	U		0.000500	mg/L	1	29-Sep-2023 13:03
Aroclor 1260	U		0.000500	mg/L	1	29-Sep-2023 13:03
PCBs (Total)	U		0.000500	mg/L	1	29-Sep-2023 13:03
Surr: Decachlorobiphenyl	*88.2*		*54-140*	*%REC*	*1*	*29-Sep-2023 13:03*
Surr: Tetrachloro-m-xylene	*80.9*		*53-137*	*%REC*	*1*	*29-Sep-2023 13:03*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	22-Sep-2023 23:18
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	22-Sep-2023 23:18
Sulfate	**21.9**		**0.500**	**mg/L**	1	22-Sep-2023 23:18
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	22-Sep-2023 23:18
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**897**		**100**	**mg/L**	100	03-Oct-2023 10:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21B-20230921
Collection Date: 21-Sep-2023 09:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:51
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 05:51
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
2-Butanone	U		0.10	mg/L	50	27-Sep-2023 05:51
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 05:51
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 05:51
Acetone	U		0.10	mg/L	50	27-Sep-2023 05:51
Benzene	U		0.050	mg/L	50	27-Sep-2023 05:51
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 05:51
Bromoform	U		0.050	mg/L	50	27-Sep-2023 05:51
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 05:51
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 05:51
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 05:51
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 05:51
Chloroform	U		0.050	mg/L	50	27-Sep-2023 05:51
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 05:51
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:51
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 05:51
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 05:51
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 05:51
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 05:51
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 05:51
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 05:51
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 05:51
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 05:51
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 05:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21B-20230921
Collection Date: 21-Sep-2023 09:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 05:51
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 05:51
Styrene	U		0.050	mg/L	50	27-Sep-2023 05:51
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 05:51
Toluene	U		0.050	mg/L	50	27-Sep-2023 05:51
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:51
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 05:51
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 05:51
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 05:51
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 05:51
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 05:51
Surr: 1,2-Dichloroethane-d4	*91.6*		*70-126*	*%REC*	*50*	*27-Sep-2023 05:51*
Surr: 4-Bromofluorobenzene	*93.2*		*77-113*	*%REC*	*50*	*27-Sep-2023 05:51*
Surr: Dibromofluoromethane	*96.0*		*77-123*	*%REC*	*50*	*27-Sep-2023 05:51*
Surr: Toluene-d8	*97.5*		*82-127*	*%REC*	*50*	*27-Sep-2023 05:51*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.000500	mg/L	1	29-Sep-2023 13:16
Aroclor 1221	U		0.000500	mg/L	1	29-Sep-2023 13:16
Aroclor 1232	U		0.000500	mg/L	1	29-Sep-2023 13:16
Aroclor 1242	U		0.000500	mg/L	1	29-Sep-2023 13:16
Aroclor 1248	U		0.000500	mg/L	1	29-Sep-2023 13:16
Aroclor 1254	U		0.000500	mg/L	1	29-Sep-2023 13:16
Aroclor 1260	U		0.000500	mg/L	1	29-Sep-2023 13:16
PCBs (Total)	U		0.000500	mg/L	1	29-Sep-2023 13:16
Surr: Decachlorobiphenyl	*86.0*		*54-140*	*%REC*	*1*	*29-Sep-2023 13:16*
Surr: Tetrachloro-m-xylene	*79.1*		*53-137*	*%REC*	*1*	*29-Sep-2023 13:16*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	22-Sep-2023 23:24
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	22-Sep-2023 23:24
Sulfate	**164**		**2.50**	**mg/L**	5	25-Sep-2023 17:59
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	22-Sep-2023 23:24
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**48.0**		**1.00**	**mg/L**	1	30-Sep-2023 01:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP-01
Collection Date: 21-Sep-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:13
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 06:13
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
2-Butanone	**0.48**		**0.10**	**mg/L**	50	27-Sep-2023 06:13
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 06:13
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 06:13
Acetone	**0.15**		**0.10**	**mg/L**	50	27-Sep-2023 06:13
Benzene	U		0.050	mg/L	50	27-Sep-2023 06:13
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 06:13
Bromoform	U		0.050	mg/L	50	27-Sep-2023 06:13
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 06:13
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 06:13
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 06:13
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 06:13
Chloroform	U		0.050	mg/L	50	27-Sep-2023 06:13
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 06:13
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:13
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 06:13
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 06:13
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 06:13
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 06:13
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 06:13
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 06:13
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 06:13
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 06:13
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 06:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP-01
Collection Date: 21-Sep-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23091352
Lab ID:HS23091352-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 06:13
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 06:13
Styrene	U		0.050	mg/L	50	27-Sep-2023 06:13
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 06:13
Toluene	U		0.050	mg/L	50	27-Sep-2023 06:13
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:13
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 06:13
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:13
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 06:13
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 06:13
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 06:13
Surr: 1,2-Dichloroethane-d4	*90.7*		*70-126*	*%REC*	*50*	*27-Sep-2023 06:13*
Surr: 4-Bromofluorobenzene	*92.9*		*77-113*	*%REC*	*50*	*27-Sep-2023 06:13*
Surr: Dibromofluoromethane	*93.5*		*77-123*	*%REC*	*50*	*27-Sep-2023 06:13*
Surr: Toluene-d8	*96.6*		*82-127*	*%REC*	*50*	*27-Sep-2023 06:13*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US

Date: 04-Oct-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

Batch ID: 201124 **Start Date:** 28 Sep 2023 12:20 **End Date:** 28 Sep 2023 12:20
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091352-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23091352-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23091352-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23091352-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 201124 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Groundwater	
HS23091352-02	6-09-20230921	21 Sep 2023 10:00		28 Sep 2023 12:20	29 Sep 2023 12:38	1
HS23091352-03	6-13-20230921	21 Sep 2023 09:20		28 Sep 2023 12:20	29 Sep 2023 12:51	1
HS23091352-04	6-14-20230921	21 Sep 2023 09:50		28 Sep 2023 12:20	29 Sep 2023 13:03	1
HS23091352-05	6-21B-20230921	21 Sep 2023 09:00		28 Sep 2023 12:20	29 Sep 2023 13:16	1
Batch ID: R447147 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Groundwater	
HS23091352-02	6-09-20230921	21 Sep 2023 10:00			22 Sep 2023 22:55	1
HS23091352-03	6-13-20230921	21 Sep 2023 09:20			22 Sep 2023 23:01	1
HS23091352-04	6-14-20230921	21 Sep 2023 09:50			22 Sep 2023 23:18	1
HS23091352-05	6-21B-20230921	21 Sep 2023 09:00			22 Sep 2023 23:24	1
Batch ID: R447283 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Groundwater	
HS23091352-03	6-13-20230921	21 Sep 2023 09:20			25 Sep 2023 17:53	5
HS23091352-05	6-21B-20230921	21 Sep 2023 09:00			25 Sep 2023 17:59	5
Batch ID: R447408 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23091352-02	6-09-20230921	21 Sep 2023 10:00			27 Sep 2023 04:42	50
HS23091352-03	6-13-20230921	21 Sep 2023 09:20			27 Sep 2023 05:05	50
HS23091352-04	6-14-20230921	21 Sep 2023 09:50			27 Sep 2023 05:28	50
HS23091352-05	6-21B-20230921	21 Sep 2023 09:00			27 Sep 2023 05:51	50
HS23091352-06	DUP-01	21 Sep 2023 00:00			27 Sep 2023 06:13	50
Batch ID: R447408 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23091352-01	12603647-TB01	21 Sep 2023 00:00			27 Sep 2023 00:09	1
Batch ID: R447864 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Groundwater	
HS23091352-03	6-13-20230921	21 Sep 2023 09:20			30 Sep 2023 00:49	1
HS23091352-05	6-21B-20230921	21 Sep 2023 09:00			30 Sep 2023 01:36	1
Batch ID: R448005 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Groundwater	
HS23091352-02	6-09-20230921	21 Sep 2023 10:00			03 Oct 2023 09:32	100
HS23091352-04	6-14-20230921	21 Sep 2023 09:50			03 Oct 2023 10:15	100

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: 201124 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-201124** Units: **ug/L** Analysis Date: **29-Sep-2023 13:54**
Client ID: Run ID: **ECD_7_447927** SeqNo: **7579453** PrepDate: **28-Sep-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.1953*	*0.0500*	*0.2*	*0*	*97.6*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1731*	*0.0500*	*0.2*	*0*	*86.6*	*53 - 137*				

LCS Sample ID: **LCS-201124** Units: **ug/L** Analysis Date: **29-Sep-2023 13:28**
Client ID: Run ID: **ECD_7_447927** SeqNo: **7579451** PrepDate: **28-Sep-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.523	0.500	5	0	90.5	54 - 138				
Aroclor 1260	4.816	0.500	5	0	96.3	57 - 136				
PCBs (Total)	9.339	0.500	10	0	93.4	57 - 136				
Surr: Decachlorobiphenyl	*0.2067*	*0.0500*	*0.2*	*0*	*103*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1783*	*0.0500*	*0.2*	*0*	*89.1*	*53 - 137*				

LCSD Sample ID: **LCSD-201124** Units: **ug/L** Analysis Date: **29-Sep-2023 13:41**
Client ID: Run ID: **ECD_7_447927** SeqNo: **7579452** PrepDate: **28-Sep-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.639	0.500	5	0	92.8	54 - 138	4.523	2.54	20	
Aroclor 1260	5.124	0.500	5	0	102	57 - 136	4.816	6.21	20	
PCBs (Total)	9.763	0.500	10	0	97.6	57 - 136	9.339	4.45		
Surr: Decachlorobiphenyl	*0.2184*	*0.0500*	*0.2*	*0*	*109*	*54 - 140*	*0.2067*	*5.5*	*20*	
Surr: Tetrachloro-m-xylene	*0.1896*	*0.0500*	*0.2*	*0*	*94.8*	*53 - 137*	*0.1783*	*6.15*	*20*	

The following samples were analyzed in this batch: HS23091352-02 HS23091352-03 HS23091352-04 HS23091352-05

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 23:01**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566458** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 23:01**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566458** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*44.08*	*1.0*	*50*	*0*	*88.2*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*46.23*	*1.0*	*50*	*0*	*92.5*	*77 - 113*			
Surr: Dibromofluoromethane	*46.22*	*1.0*	*50*	*0*	*92.4*	*73 - 126*			
Surr: Toluene-d8	*49.66*	*1.0*	*50*	*0*	*99.3*	*81 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 22:15**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566457** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.51	1.0	20	0	82.5	70 - 130				
1,1,2,2-Tetrachloroethane	17.03	1.0	20	0	85.2	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	17.48	1.0	20	0	87.4	70 - 130				
1,1,2-Trichloroethane	17.72	1.0	20	0	88.6	77 - 113				
1,1-Dichloroethane	17.52	1.0	20	0	87.6	71 - 122				
1,1-Dichloroethene	18.04	1.0	20	0	90.2	70 - 130				
1,2,4-Trichlorobenzene	18.51	1.0	20	0	92.6	77 - 126				
1,2-Dibromo-3-chloropropane	16.74	1.0	20	0	83.7	70 - 130				
1,2-Dibromoethane	17.92	1.0	20	0	89.6	76 - 123				
1,2-Dichlorobenzene	18.97	1.0	20	0	94.9	77 - 113				
1,2-Dichloroethane	19.14	1.0	20	0	95.7	70 - 124				
1,2-Dichloropropane	17.99	1.0	20	0	90.0	72 - 119				
1,3-Dichlorobenzene	18.82	1.0	20	0	94.1	78 - 118				
1,4-Dichlorobenzene	18.23	1.0	20	0	91.2	79 - 113				
2-Butanone	34.44	2.0	40	0	86.1	70 - 130				
2-Hexanone	31.45	2.0	40	0	78.6	70 - 130				
4-Methyl-2-pentanone	34.71	2.0	40	0	86.8	70 - 130				
Acetone	34.41	2.0	40	0	86.0	70 - 130				
Benzene	18.37	1.0	20	0	91.8	74 - 120				
Bromodichloromethane	18.11	1.0	20	0	90.5	74 - 122				
Bromoform	19.91	1.0	20	0	99.5	73 - 128				
Bromomethane	20.58	1.0	20	0	103	70 - 130				
Carbon disulfide	35.21	2.0	40	0	88.0	70 - 130				
Carbon tetrachloride	19.19	1.0	20	0	95.9	71 - 125				
Chlorobenzene	17.97	1.0	20	0	89.9	76 - 113				
Chloroethane	14.97	1.0	20	0	74.9	70 - 130				
Chloroform	17.98	1.0	20	0	89.9	71 - 121				
Chloromethane	18.2	1.0	20	0	91.0	70 - 129				
cis-1,2-Dichloroethene	18.29	1.0	20	0	91.4	75 - 122				
cis-1,3-Dichloropropene	18.11	1.0	20	0	90.6	73 - 127				
Cyclohexane	17.3	1.0	20	0	86.5	70 - 130				
Dibromochloromethane	18.5	1.0	20	0	92.5	77 - 122				
Dichlorodifluoromethane	15.82	1.0	20	0	79.1	70 - 130				
Ethylbenzene	18.57	1.0	20	0	92.9	77 - 117				

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 22:15**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566457** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.33	1.0	20	0	96.6	73 - 127				
m,p-Xylene	38.46	2.0	40	0	96.1	77 - 122				
Methyl acetate	16.08	1.0	20	0	80.4	76 - 122				
Methyl tert-butyl ether	16.4	1.0	20	0	82.0	70 - 130				
Methylcyclohexane	18.77	1.0	20	0	93.9	61 - 157				
Methylene chloride	18.44	2.0	20	0	92.2	70 - 127				
o-Xylene	19.1	1.0	20	0	95.5	75 - 119				
Styrene	19.75	1.0	20	0	98.8	72 - 126				
Tetrachloroethene	19.15	1.0	20	0	95.8	76 - 119				
Toluene	18.37	1.0	20	0	91.8	77 - 118				
trans-1,2-Dichloroethene	18.18	1.0	20	0	90.9	72 - 127				
trans-1,3-Dichloropropene	17.79	1.0	20	0	88.9	77 - 119				
Trichloroethene	19.32	1.0	20	0	96.6	77 - 121				
Trichlorofluoromethane	17.71	1.0	20	0	88.6	70 - 130				
Vinyl chloride	15.79	1.0	20	0	78.9	70 - 130				
Xylenes, Total	57.56	3.0	60	0	95.9	75 - 122				
Surr: 1,2-Dichloroethane-d4	*41.3*	*1.0*	*50*	*0*	*82.6*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.79*	*1.0*	*50*	*0*	*97.6*	*77 - 113*				
Surr: Dibromofluoromethane	*43.83*	*1.0*	*50*	*0*	*87.7*	*73 - 126*				
Surr: Toluene-d8	*49.91*	*1.0*	*50*	*0*	*99.8*	*81 - 120*				

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23091354-01MS** Units: **ug/L** Analysis Date: **27-Sep-2023 02:26**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566467** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.14	1.0	20	0	85.7	70 - 130				
1,1,2,2-Tetrachloroethane	18.16	1.0	20	0	90.8	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	17.6	1.0	20	0	88.0	70 - 130				
1,1,2-Trichloroethane	18.04	1.0	20	0	90.2	70 - 117				
1,1-Dichloroethane	17.54	1.0	20	0	87.7	70 - 127				
1,1-Dichloroethene	19.05	1.0	20	0	95.2	70 - 130				
1,2,4-Trichlorobenzene	17.51	1.0	20	0	87.5	70 - 125				
1,2-Dibromo-3-chloropropane	17.67	1.0	20	0	88.4	70 - 130				
1,2-Dibromoethane	18.27	1.0	20	0	91.4	70 - 124				
1,2-Dichlorobenzene	18.94	1.0	20	0	94.7	70 - 115				
1,2-Dichloroethane	19.31	1.0	20	0	96.5	70 - 127				
1,2-Dichloropropane	18.28	1.0	20	0	91.4	70 - 122				
1,3-Dichlorobenzene	19.04	1.0	20	0	95.2	70 - 119				
1,4-Dichlorobenzene	17.99	1.0	20	0	90.0	70 - 114				
2-Butanone	32.67	2.0	40	0	81.7	70 - 130				
2-Hexanone	32.79	2.0	40	0	82.0	70 - 130				
4-Methyl-2-pentanone	34.18	2.0	40	0	85.4	70 - 130				
Acetone	36.42	2.0	40	0	91.1	70 - 130				
Benzene	18.59	1.0	20	0	93.0	70 - 127				
Bromodichloromethane	17.79	1.0	20	0	88.9	70 - 124				
Bromoform	19.6	1.0	20	0	98.0	70 - 129				
Bromomethane	18.43	1.0	20	0	92.1	70 - 130				
Carbon disulfide	36.85	2.0	40	0	92.1	70 - 130				
Carbon tetrachloride	20.07	1.0	20	0	100	70 - 130				
Chlorobenzene	18.22	1.0	20	0	91.1	70 - 114				
Chloroethane	14.4	1.0	20	0	72.0	70 - 130				
Chloroform	18.34	1.0	20	0	91.7	70 - 125				
Chloromethane	19.01	1.0	20	0	95.0	70 - 130				
cis-1,2-Dichloroethene	18.04	1.0	20	0	90.2	70 - 128				
cis-1,3-Dichloropropene	17.11	1.0	20	0	85.5	70 - 125				
Cyclohexane	16.69	1.0	20	0	83.4	70 - 130				
Dibromochloromethane	18.55	1.0	20	0	92.8	70 - 124				
Dichlorodifluoromethane	15	1.0	20	0	75.0	70 - 130				
Ethylbenzene	19.23	1.0	20	0	96.2	70 - 124				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23091354-01MS** Units: **ug/L** Analysis Date: **27-Sep-2023 02:26**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566467** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.61	1.0	20	0	98.1	70 - 130				
m,p-Xylene	39.41	2.0	40	0	98.5	70 - 130				
Methyl acetate	12.2	1.0	20	0	61.0	76 - 122				S
Methyl tert-butyl ether	16.26	1.0	20	0	81.3	70 - 130				
Methylcyclohexane	18.75	1.0	20	0	93.7	61 - 158				
Methylene chloride	16.92	2.0	20	0	84.6	70 - 128				
o-Xylene	19.1	1.0	20	0	95.5	70 - 124				
Styrene	19.37	1.0	20	0	96.9	70 - 130				
Tetrachloroethene	20.49	1.0	20	0	102	70 - 130				
Toluene	19.2	1.0	20	0.6815	92.6	70 - 123				
trans-1,2-Dichloroethene	18.57	1.0	20	0	92.9	70 - 130				
trans-1,3-Dichloropropene	17.42	1.0	20	0	87.1	70 - 121				
Trichloroethene	19.2	1.0	20	0	96.0	70 - 129				
Trichlorofluoromethane	18.28	1.0	20	0	91.4	70 - 130				
Vinyl chloride	16.16	1.0	20	0	80.8	70 - 130				
Xylenes, Total	58.51	3.0	60	0	97.5	70 - 130				
Surr: 1,2-Dichloroethane-d4	*41.51*	*1.0*	*50*	*0*	*83.0*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*48.48*	*1.0*	*50*	*0*	*97.0*	*77 - 113*				
Surr: Dibromofluoromethane	*43.45*	*1.0*	*50*	*0*	*86.9*	*77 - 123*				
Surr: Toluene-d8	*49.71*	*1.0*	*50*	*0*	*99.4*	*82 - 127*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23091354-01MSD** Units: **ug/L** Analysis Date: **27-Sep-2023 02:48**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.27	1.0	20	0	81.3	70 - 130	17.14	5.26	20	
1,1,2,2-Tetrachloroethane	16.64	1.0	20	0	83.2	70 - 123	18.16	8.72	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	16.62	1.0	20	0	83.1	70 - 130	17.6	5.73	20	
1,1,2-Trichloroethane	17.5	1.0	20	0	87.5	70 - 117	18.04	3.03	20	
1,1-Dichloroethane	17.2	1.0	20	0	86.0	70 - 127	17.54	1.98	20	
1,1-Dichloroethene	18.19	1.0	20	0	90.9	70 - 130	19.05	4.62	20	
1,2,4-Trichlorobenzene	16.44	1.0	20	0	82.2	70 - 125	17.51	6.31	20	
1,2-Dibromo-3-chloropropane	15.83	1.0	20	0	79.1	70 - 130	17.67	11	20	
1,2-Dibromoethane	17.89	1.0	20	0	89.5	70 - 124	18.27	2.1	20	
1,2-Dichlorobenzene	17.44	1.0	20	0	87.2	70 - 115	18.94	8.24	20	
1,2-Dichloroethane	18.9	1.0	20	0	94.5	70 - 127	19.31	2.12	20	
1,2-Dichloropropane	17.23	1.0	20	0	86.2	70 - 122	18.28	5.88	20	
1,3-Dichlorobenzene	17.03	1.0	20	0	85.2	70 - 119	19.04	11.1	20	
1,4-Dichlorobenzene	16.54	1.0	20	0	82.7	70 - 114	17.99	8.43	20	
2-Butanone	35.14	2.0	40	0	87.9	70 - 130	32.67	7.29	20	
2-Hexanone	33.71	2.0	40	0	84.3	70 - 130	32.79	2.78	20	
4-Methyl-2-pentanone	35.99	2.0	40	0	90.0	70 - 130	34.18	5.17	20	
Acetone	38.05	2.0	40	0	95.1	70 - 130	36.42	4.38	20	
Benzene	17.79	1.0	20	0	88.9	70 - 127	18.59	4.44	20	
Bromodichloromethane	17.39	1.0	20	0	86.9	70 - 124	17.79	2.26	20	
Bromoform	19.28	1.0	20	0	96.4	70 - 129	19.6	1.61	20	
Bromomethane	18.05	1.0	20	0	90.3	70 - 130	18.43	2.08	20	
Carbon disulfide	33.84	2.0	40	0	84.6	70 - 130	36.85	8.52	20	
Carbon tetrachloride	18.76	1.0	20	0	93.8	70 - 130	20.07	6.74	20	
Chlorobenzene	17.57	1.0	20	0	87.8	70 - 114	18.22	3.64	20	
Chloroethane	12.9	1.0	20	0	64.5	70 - 130	14.4	11	20	S
Chloroform	17.66	1.0	20	0	88.3	70 - 125	18.34	3.79	20	
Chloromethane	18.5	1.0	20	0	92.5	70 - 130	19.01	2.7	20	
cis-1,2-Dichloroethene	17.48	1.0	20	0	87.4	70 - 128	18.04	3.14	20	
cis-1,3-Dichloropropene	16.48	1.0	20	0	82.4	70 - 125	17.11	3.7	20	
Cyclohexane	15.95	1.0	20	0	79.7	70 - 130	16.69	4.54	20	
Dibromochloromethane	17.99	1.0	20	0	89.9	70 - 124	18.55	3.07	20	
Dichlorodifluoromethane	14.07	1.0	20	0	70.3	70 - 130	15	6.44	20	
Ethylbenzene	18.08	1.0	20	0	90.4	70 - 124	19.23	6.17	20	

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23091354-01MSD** Units: **ug/L** Analysis Date: **27-Sep-2023 02:48**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	18.71	1.0	20	0	93.6	70 - 130	19.61	4.68	20	
m,p-Xylene	37.39	2.0	40	0	93.5	70 - 130	39.41	5.27	20	
Methyl acetate	12.27	1.0	20	0	61.4	76 - 122	12.2	0.605	20	S
Methyl tert-butyl ether	16.3	1.0	20	0	81.5	70 - 130	16.26	0.249	20	
Methylcyclohexane	17.88	1.0	20	0	89.4	61 - 158	18.75	4.71	20	
Methylene chloride	17.08	2.0	20	0	85.4	70 - 128	16.92	0.898	20	
o-Xylene	18.3	1.0	20	0	91.5	70 - 124	19.1	4.26	20	
Styrene	18.75	1.0	20	0	93.7	70 - 130	19.37	3.28	20	
Tetrachloroethene	19.37	1.0	20	0	96.8	70 - 130	20.49	5.62	20	
Toluene	18.56	1.0	20	0.6815	89.4	70 - 123	19.2	3.38	20	
trans-1,2-Dichloroethene	17.55	1.0	20	0	87.7	70 - 130	18.57	5.67	20	
trans-1,3-Dichloropropene	16.95	1.0	20	0	84.8	70 - 121	17.42	2.72	20	
Trichloroethene	18.49	1.0	20	0	92.4	70 - 129	19.2	3.79	20	
Trichlorofluoromethane	17.7	1.0	20	0	88.5	70 - 130	18.28	3.25	20	
Vinyl chloride	15.82	1.0	20	0	79.1	70 - 130	16.16	2.16	20	
Xylenes, Total	55.69	3.0	60	0	92.8	70 - 130	58.51	4.94	20	
Surr: 1,2-Dichloroethane-d4	*41.71*	*1.0*	*50*	*0*	*83.4*	*70 - 126*	*41.51*	*0.493*	*20*	
Surr: 4-Bromofluorobenzene	*49.81*	*1.0*	*50*	*0*	*99.6*	*77 - 113*	*48.48*	*2.7*	*20*	
Surr: Dibromofluoromethane	*44.02*	*1.0*	*50*	*0*	*88.0*	*77 - 123*	*43.45*	*1.3*	*20*	
Surr: Toluene-d8	*49.7*	*1.0*	*50*	*0*	*99.4*	*82 - 127*	*49.71*	*0.0299*	*20*	

The following samples were analyzed in this batch: HS23091352-01 HS23091352-02 HS23091352-03 HS23091352-04 HS23091352-05 HS23091352-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447147 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **22-Sep-2023 22:38**
Client ID: Run ID: **ICS-Integrion_447147** SeqNo: **7561766** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	U	0.100								
Nitrogen, Nitrite (As N)	U	0.100								
Nitrate/Nitrite (as N)	U	0.200								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **22-Sep-2023 22:44**
Client ID: Run ID: **ICS-Integrion_447147** SeqNo: **7561767** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.144	0.100	4	0	104	90 - 110				
Nitrogen, Nitrite (As N)	4.13	0.100	4	0	103	90 - 110				
Nitrate/Nitrite (as N)	8.274	0.200	8	0	103	90 - 110				
Sulfate	20.37	0.500	20	0	102	90 - 110				

MS Sample ID: **HS23091357-27MS** Units: **mg/L** Analysis Date: **22-Sep-2023 21:46**
Client ID: Run ID: **ICS-Integrion_447147** SeqNo: **7561760** PrepDate: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	12.03	0.200	4	8.449	89.5	80 - 120				
Nitrogen, Nitrite (As N)	3.722	0.200	4	0.0762	91.2	80 - 120				
Nitrate/Nitrite (as N)	15.75	0.400	8	8.525	90.3	80 - 120				
Sulfate	725.1	1.00	20	716	45.5	80 - 120				SEO

MS Sample ID: **HS23091357-21MS** Units: **mg/L** Analysis Date: **22-Sep-2023 20:36**
Client ID: Run ID: **ICS-Integrion_447147** SeqNo: **7561750** PrepDate: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	12.23	0.200	4	8.651	89.4	80 - 120				
Nitrogen, Nitrite (As N)	3.816	0.200	4	0.1102	92.6	80 - 120				
Nitrate/Nitrite (as N)	16.04	0.400	8	8.762	91.0	80 - 120				
Sulfate	728	1.00	20	724.1	19.6	80 - 120				SEO

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447147 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MS Sample ID: **HS23091352-03MS** Units: **mg/L** Analysis Date: **22-Sep-2023 23:07**
Client ID: **6-13-20230921** Run ID: **ICS-Integrion_447147** SeqNo: **7561771** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	1.943	0.100	2	0	97.1	80 - 120				
Nitrogen, Nitrite (As N)	0.91	0.100	2	0	45.5	80 - 120				S
Nitrate/Nitrite (as N)	2.853	0.200	4	0	71.3	80 - 120				S
Sulfate	152	0.500	10	145.2	68.5	80 - 120				SEO

MSD Sample ID: **HS23091357-27MSD** Units: **mg/L** Analysis Date: **22-Sep-2023 21:52**
Client ID: Run ID: **ICS-Integrion_447147** SeqNo: **7561761** PrepDate: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	12.05	0.200	4	8.449	89.9	80 - 120	12.03	0.156	20	
Nitrogen, Nitrite (As N)	3.718	0.200	4	0.0762	91.0	80 - 120	3.722	0.118	20	
Nitrate/Nitrite (as N)	15.76	0.400	8	8.525	90.5	80 - 120	15.75	0.0914	20	
Sulfate	723.5	1.00	20	716	37.5	80 - 120	725.1	0.222	20	SEO

MSD Sample ID: **HS23091357-21MSD** Units: **mg/L** Analysis Date: **22-Sep-2023 20:42**
Client ID: Run ID: **ICS-Integrion_447147** SeqNo: **7561751** PrepDate: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	12.28	0.200	4	8.651	90.7	80 - 120	12.23	0.436	20	
Nitrogen, Nitrite (As N)	3.811	0.200	4	0.1102	92.5	80 - 120	3.816	0.147	20	
Nitrate/Nitrite (as N)	16.09	0.400	8	8.762	91.6	80 - 120	16.04	0.298	20	
Sulfate	730.8	1.00	20	724.1	33.7	80 - 120	728	0.388	20	SEO

MSD Sample ID: **HS23091352-03MSD** Units: **mg/L** Analysis Date: **22-Sep-2023 23:13**
Client ID: **6-13-20230921** Run ID: **ICS-Integrion_447147** SeqNo: **7561772** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	1.957	0.100	2	0	97.9	80 - 120	1.943	0.754	20	
Nitrogen, Nitrite (As N)	0.9199	0.100	2	0	46.0	80 - 120	0.91	1.08	20	S
Nitrate/Nitrite (as N)	2.877	0.200	4	0	71.9	80 - 120	2.853	0.859	20	S
Sulfate	152.4	0.500	10	145.2	72.4	80 - 120	152	0.258	20	SEO

The following samples were analyzed in this batch: HS23091352-02 HS23091352-03 HS23091352-04 HS23091352-05

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447283 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **25-Sep-2023 16:03**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564275** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **25-Sep-2023 16:08**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564276** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	20.42	0.500	20	0	102	90 - 110				

MS Sample ID: **HS23090533-02MS** Units: **mg/L** Analysis Date: **25-Sep-2023 19:03**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564300** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	5040	125	2500	2689	94.1	80 - 120				

MS Sample ID: **HS23090533-01MS** Units: **mg/L** Analysis Date: **25-Sep-2023 18:11**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564293** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	3111	125	2500	624.6	99.5	80 - 120				

MSD Sample ID: **HS23090533-02MSD** Units: **mg/L** Analysis Date: **25-Sep-2023 19:08**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564301** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	5016	125	2500	2689	93.1	80 - 120	5040	0.483	20	

MSD Sample ID: **HS23090533-01MSD** Units: **mg/L** Analysis Date: **25-Sep-2023 18:16**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564294** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	3117	125	2500	624.6	99.7	80 - 120	3111	0.183	20	

The following samples were analyzed in this batch: HS23091352-03 HS23091352-05

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R447864 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-09292023** Units: **mg/L** Analysis Date: **29-Sep-2023 22:15**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578128** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-09292023** Units: **mg/L** Analysis Date: **29-Sep-2023 22:36**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578129** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.54	1.00	10	0	95.4	85 - 115				

LCSD Sample ID: **LCSD-09292023** Units: **mg/L** Analysis Date: **29-Sep-2023 22:57**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578130** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.643	1.00	10	0	96.4	85 - 115	9.54	1.07	20	

MS Sample ID: **HS23091633-03MS** Units: **mg/L** Analysis Date: **29-Sep-2023 23:56**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578133** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	15.94	1.00	10	6.326	96.1	80 - 120				

The following samples were analyzed in this batch: HS23091352-03 HS23091352-05

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091352

QC BATCH REPORT

Batch ID: R448005 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-10022023** Units: **mg/L** Analysis Date: **03-Oct-2023 08:29**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581315** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-10022023** Units: **mg/L** Analysis Date: **03-Oct-2023 08:50**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581316** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.698	1.00	10	0	97.0	85 - 115				

LCSD Sample ID: **LCSD-10022023** Units: **mg/L** Analysis Date: **03-Oct-2023 09:11**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581317** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.7	1.00	10	0	97.0	85 - 115	9.698	0.0206	20	

MS Sample ID: **HS23091352-02MS** Units: **mg/L** Analysis Date: **03-Oct-2023 09:54**
Client ID: **6-09-20230921** Run ID: **TOC_05_448005** SeqNo: **7581399** PrepDate: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	2723	100	1000	1809	91.4	80 - 120				

The following samples were analyzed in this batch: HS23091352-02 HS23091352-04

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ALS Houston, US Date: 04-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23091352**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

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CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-23

Sample Receipt Checklist

Work Order ID: HS23091352 **Date/Time Received:** 22-Sep-2023 09:30

Client Name: GHDHouston **Received by:** Malcolm Burleson

Completed By:	/S/ Malcolm Burleson	22-Sep-2023 11:35	**Reviewed by:**	/S/ James Guin	22-Sep-2023 16:25
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **water** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:298561
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.8uc1.7c	ir31	
Cooler(s)/Kit(s):	43845		
Date/Time sample(s) sent to storage:	09222023		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page _____ of _____

COC ID: 298561

HS23091352

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	6-09-20230921	9/21/23	10:00	GW	1,3,8	7	X	X	X	X							
3	6-13-20230922	9/21/23	09:20	GW	1,3,8	8	X	X	X	X							
4	6-14-20230921	9/21/23	09:50	GW	1,3,8	8	X	X	X	X							
5	6-21B-20230921	9/21/23	09:00	GW	1,3,8	8	X	X	X	X							
6	DUP-01	9/21/23		GW	1,8	3	X										
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: Fedex

Required Turnaround Time: (Check Box) ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date: 9/21/23	Time: 1310	Received by:	Notes: TPC Laguna NM	
Relinquished by:	Date:	Time:	Received by (Laboratory): 09/22/2023 0930	Cooler ID	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	43845	1R3 1.8uc -0.1c

QC Package: (Check One Box Below)

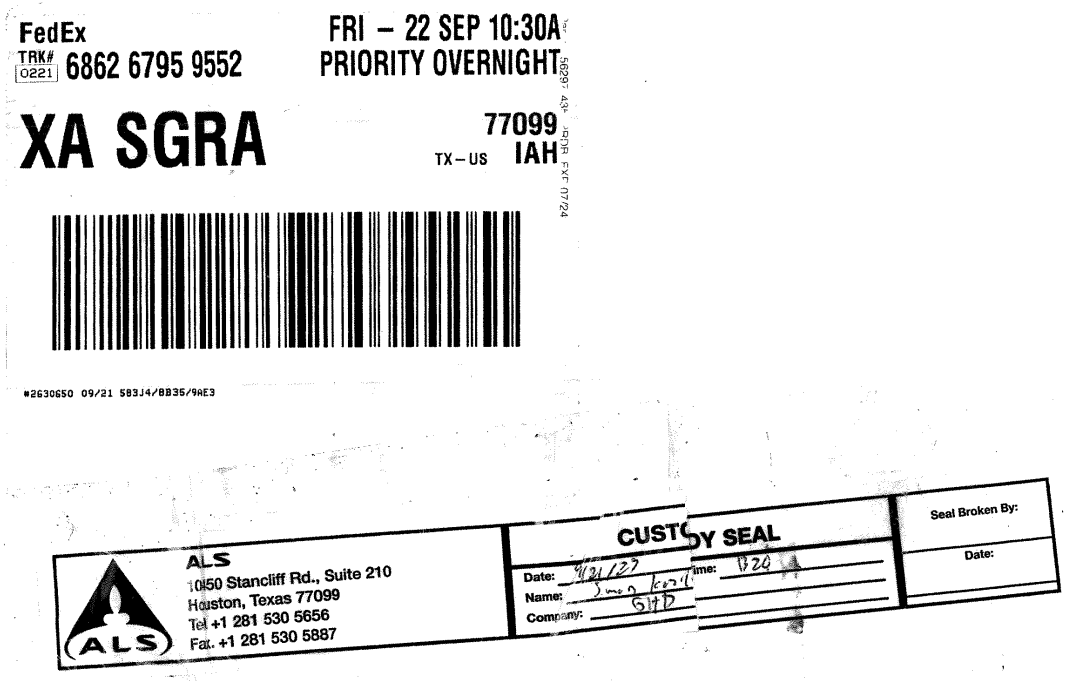
☒ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

October 05, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23091358**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 6 sample(s) on Sep 22, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
James Guin

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23091358

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23091358-01	12603647-TB01	Water		21-Sep-2023 00:00	22-Sep-2023 09:30	☐
HS23091358-02	6-21C-20230921	Groundwater		21-Sep-2023 08:40	22-Sep-2023 09:30	☐
HS23091358-03	6-22B-20230921	Groundwater		21-Sep-2023 09:30	22-Sep-2023 09:30	☐
HS23091358-04	6-22C-20230921	Groundwater		21-Sep-2023 10:10	22-Sep-2023 09:30	☐
HS23091358-05	6-40-20230921	Groundwater		21-Sep-2023 08:30	22-Sep-2023 09:30	☐
HS23091358-06	6-54-20230921	Groundwater		21-Sep-2023 10:30	22-Sep-2023 09:30	☐

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ALS Houston, US Date: 05-Oct-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23091358

ECD Organics by Method SW8082

Batch ID: 201124

Sample ID: MBLK-201124

- Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GCMS Volatiles by Method SW8260

Batch ID: R447408

Sample ID: 6-21C-20230921 (HS23091358-02)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-22B-20230921 (HS23091358-03)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-22C-20230921 (HS23091358-04)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-40-20230921 (HS23091358-05)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: 6-54-20230921 (HS23091358-06)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: HS23091354-01MS

- MS and MSD are for an unrelated sample

WetChemistry by Method SW9060

Batch ID: R447864,R448005

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300

Batch ID: R447283

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Batch ID: R447148

Sample ID: 6-22C-20230921 (HS23091358-04MS)

- The recovery of the Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) associated with this analyte was outside of the established control limits. However, the LCS was within control limits. The recovery of the MS/MSD may be due to sample matrix interference. (Nitrate/Nitrite (as N),Nitrogen, Nitrate (As N),Nitrogen, Nitrite (As N))

Sample ID: HS23091353-01MS

- MS and MSD are for an unrelated sample (Sulfate)

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 21-Sep-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,1,2-Trichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,1-Dichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,1-Dichloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,2-Dibromoethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,2-Dichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,2-Dichloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,2-Dichloropropane	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,3-Dichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
1,4-Dichlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
2-Butanone	U		0.0020	mg/L	1	27-Sep-2023 00:32
2-Hexanone	U		0.0020	mg/L	1	27-Sep-2023 00:32
4-Methyl-2-pentanone	U		0.0020	mg/L	1	27-Sep-2023 00:32
Acetone	U		0.0020	mg/L	1	27-Sep-2023 00:32
Benzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Bromodichloromethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Bromoform	U		0.0010	mg/L	1	27-Sep-2023 00:32
Bromomethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Carbon disulfide	U		0.0020	mg/L	1	27-Sep-2023 00:32
Carbon tetrachloride	U		0.0010	mg/L	1	27-Sep-2023 00:32
Chlorobenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Chloroethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Chloroform	U		0.0010	mg/L	1	27-Sep-2023 00:32
Chloromethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:32
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Cyclohexane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Dibromochloromethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Dichlorodifluoromethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Ethylbenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Isopropylbenzene	U		0.0010	mg/L	1	27-Sep-2023 00:32
m,p-Xylene	U		0.0020	mg/L	1	27-Sep-2023 00:32
Methyl acetate	U		0.0010	mg/L	1	27-Sep-2023 00:32
Methyl tert-butyl ether	U		0.0010	mg/L	1	27-Sep-2023 00:32
Methylcyclohexane	U		0.0010	mg/L	1	27-Sep-2023 00:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 21-Sep-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	27-Sep-2023 00:32
o-Xylene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Styrene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Tetrachloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Toluene	U		0.0010	mg/L	1	27-Sep-2023 00:32
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:32
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Trichloroethene	U		0.0010	mg/L	1	27-Sep-2023 00:32
Trichlorofluoromethane	U		0.0010	mg/L	1	27-Sep-2023 00:32
Vinyl chloride	U		0.0010	mg/L	1	27-Sep-2023 00:32
Xylenes, Total	U		0.0030	mg/L	1	27-Sep-2023 00:32
Surr: 1,2-Dichloroethane-d4	*87.1*		*70-126*	*%REC*	*1*	*27-Sep-2023 00:32*
Surr: 4-Bromofluorobenzene	*92.8*		*77-113*	*%REC*	*1*	*27-Sep-2023 00:32*
Surr: Dibromofluoromethane	*91.2*		*77-123*	*%REC*	*1*	*27-Sep-2023 00:32*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*27-Sep-2023 00:32*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21C-20230921
Collection Date: 21-Sep-2023 08:40

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.10	mg/L	100	27-Sep-2023 08:07
1,1,2,2-Tetrachloroethane	U		0.10	mg/L	100	27-Sep-2023 08:07
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.10	mg/L	100	27-Sep-2023 08:07
1,1,2-Trichloroethane	**0.10**		**0.10**	**mg/L**	100	27-Sep-2023 08:07
1,1-Dichloroethane	U		0.10	mg/L	100	27-Sep-2023 08:07
1,1-Dichloroethene	U		0.10	mg/L	100	27-Sep-2023 08:07
1,2,4-Trichlorobenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
1,2-Dibromo-3-chloropropane	U		0.10	mg/L	100	27-Sep-2023 08:07
1,2-Dibromoethane	U		0.10	mg/L	100	27-Sep-2023 08:07
1,2-Dichlorobenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
1,2-Dichloroethane	**0.20**		**0.10**	**mg/L**	100	27-Sep-2023 08:07
1,2-Dichloropropane	**2.5**		**0.10**	**mg/L**	100	27-Sep-2023 08:07
1,3-Dichlorobenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
1,4-Dichlorobenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
2-Butanone	**2.2**		**0.20**	**mg/L**	100	27-Sep-2023 08:07
2-Hexanone	U		0.20	mg/L	100	27-Sep-2023 08:07
4-Methyl-2-pentanone	U		0.20	mg/L	100	27-Sep-2023 08:07
Acetone	U		0.20	mg/L	100	27-Sep-2023 08:07
Benzene	U		0.10	mg/L	100	27-Sep-2023 08:07
Bromodichloromethane	U		0.10	mg/L	100	27-Sep-2023 08:07
Bromoform	U		0.10	mg/L	100	27-Sep-2023 08:07
Bromomethane	U		0.10	mg/L	100	27-Sep-2023 08:07
Carbon disulfide	U		0.20	mg/L	100	27-Sep-2023 08:07
Carbon tetrachloride	**0.60**		**0.10**	**mg/L**	100	27-Sep-2023 08:07
Chlorobenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
Chloroethane	**0.28**		**0.10**	**mg/L**	100	27-Sep-2023 08:07
Chloroform	U		0.10	mg/L	100	27-Sep-2023 08:07
Chloromethane	U		0.10	mg/L	100	27-Sep-2023 08:07
cis-1,2-Dichloroethene	U		0.10	mg/L	100	27-Sep-2023 08:07
cis-1,3-Dichloropropene	U		0.10	mg/L	100	27-Sep-2023 08:07
Cyclohexane	U		0.10	mg/L	100	27-Sep-2023 08:07
Dibromochloromethane	U		0.10	mg/L	100	27-Sep-2023 08:07
Dichlorodifluoromethane	U		0.10	mg/L	100	27-Sep-2023 08:07
Ethylbenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
Isopropylbenzene	U		0.10	mg/L	100	27-Sep-2023 08:07
m,p-Xylene	U		0.20	mg/L	100	27-Sep-2023 08:07
Methyl acetate	U		0.10	mg/L	100	27-Sep-2023 08:07
Methyl tert-butyl ether	U		0.10	mg/L	100	27-Sep-2023 08:07
Methylcyclohexane	U		0.10	mg/L	100	27-Sep-2023 08:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21C-20230921
Collection Date: 21-Sep-2023 08:40

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.20	mg/L	100	27-Sep-2023 08:07
o-Xylene	U		0.10	mg/L	100	27-Sep-2023 08:07
Styrene	U		0.10	mg/L	100	27-Sep-2023 08:07
Tetrachloroethene	U		0.10	mg/L	100	27-Sep-2023 08:07
Toluene	U		0.10	mg/L	100	27-Sep-2023 08:07
trans-1,2-Dichloroethene	U		0.10	mg/L	100	27-Sep-2023 08:07
trans-1,3-Dichloropropene	U		0.10	mg/L	100	27-Sep-2023 08:07
Trichloroethene	U		0.10	mg/L	100	27-Sep-2023 08:07
Trichlorofluoromethane	U		0.10	mg/L	100	27-Sep-2023 08:07
Vinyl chloride	U		0.10	mg/L	100	27-Sep-2023 08:07
Xylenes, Total	U		0.30	mg/L	100	27-Sep-2023 08:07
Surr: 1,2-Dichloroethane-d4	*95.9*		*70-126*	*%REC*	*100*	*27-Sep-2023 08:07*
Surr: 4-Bromofluorobenzene	*91.4*		*77-113*	*%REC*	*100*	*27-Sep-2023 08:07*
Surr: Dibromofluoromethane	*99.0*		*77-123*	*%REC*	*100*	*27-Sep-2023 08:07*
Surr: Toluene-d8	*95.1*		*82-127*	*%REC*	*100*	*27-Sep-2023 08:07*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.00161	mg/L	1	29-Sep-2023 14:44
Aroclor 1221	U		0.00161	mg/L	1	29-Sep-2023 14:44
Aroclor 1232	U		0.00161	mg/L	1	29-Sep-2023 14:44
Aroclor 1242	U		0.00161	mg/L	1	29-Sep-2023 14:44
Aroclor 1248	U		0.00161	mg/L	1	29-Sep-2023 14:44
Aroclor 1254	U		0.00161	mg/L	1	29-Sep-2023 14:44
Aroclor 1260	U		0.00161	mg/L	1	29-Sep-2023 14:44
PCBs (Total)	U		0.00161	mg/L	1	29-Sep-2023 14:44
Surr: Decachlorobiphenyl	*136*		*54-140*	*%REC*	*1*	*29-Sep-2023 14:44*
Surr: Tetrachloro-m-xylene	*103*		*53-137*	*%REC*	*1*	*29-Sep-2023 14:44*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**5.03**		**0.200**	**mg/L**	2	23-Sep-2023 01:26
Nitrogen, Nitrite (As N)	**0.706**		**0.200**	**mg/L**	2	23-Sep-2023 01:26
Sulfate	**17.5**		**1.00**	**mg/L**	2	23-Sep-2023 01:26
Nitrate/Nitrite (as N)	**5.74**		**0.400**	**mg/L**	2	23-Sep-2023 01:26
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**2,420**		**100**	**mg/L**	100	03-Oct-2023 10:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22B-20230921
Collection Date: 21-Sep-2023 09:30

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:36
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 06:36
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
2-Butanone	U		0.10	mg/L	50	27-Sep-2023 06:36
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 06:36
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 06:36
Acetone	U		0.10	mg/L	50	27-Sep-2023 06:36
Benzene	U		0.050	mg/L	50	27-Sep-2023 06:36
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 06:36
Bromoform	U		0.050	mg/L	50	27-Sep-2023 06:36
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 06:36
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 06:36
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 06:36
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 06:36
Chloroform	U		0.050	mg/L	50	27-Sep-2023 06:36
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 06:36
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:36
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 06:36
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 06:36
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 06:36
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 06:36
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 06:36
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 06:36
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 06:36
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 06:36
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 06:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22B-20230921
Collection Date: 21-Sep-2023 09:30

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 06:36
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 06:36
Styrene	U		0.050	mg/L	50	27-Sep-2023 06:36
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 06:36
Toluene	U		0.050	mg/L	50	27-Sep-2023 06:36
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:36
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 06:36
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:36
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 06:36
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 06:36
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 06:36
Surr: 1,2-Dichloroethane-d4	*89.2*		*70-126*	*%REC*	*50*	*27-Sep-2023 06:36*
Surr: 4-Bromofluorobenzene	*91.6*		*77-113*	*%REC*	*50*	*27-Sep-2023 06:36*
Surr: Dibromofluoromethane	*93.0*		*77-123*	*%REC*	*50*	*27-Sep-2023 06:36*
Surr: Toluene-d8	*98.3*		*82-127*	*%REC*	*50*	*27-Sep-2023 06:36*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.000806	mg/L	1	29-Sep-2023 14:57
Aroclor 1221	U		0.000806	mg/L	1	29-Sep-2023 14:57
Aroclor 1232	U		0.000806	mg/L	1	29-Sep-2023 14:57
Aroclor 1242	U		0.000806	mg/L	1	29-Sep-2023 14:57
Aroclor 1248	U		0.000806	mg/L	1	29-Sep-2023 14:57
Aroclor 1254	U		0.000806	mg/L	1	29-Sep-2023 14:57
Aroclor 1260	U		0.000806	mg/L	1	29-Sep-2023 14:57
PCBs (Total)	U		0.000806	mg/L	1	29-Sep-2023 14:57
Surr: Decachlorobiphenyl	*98.8*		*54-140*	*%REC*	*1*	*29-Sep-2023 14:57*
Surr: Tetrachloro-m-xylene	*94.3*		*53-137*	*%REC*	*1*	*29-Sep-2023 14:57*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	U		0.500	mg/L	5	23-Sep-2023 01:32
Nitrogen, Nitrite (As N)	U		0.500	mg/L	5	23-Sep-2023 01:32
Sulfate	**1,090**		**10.0**	**mg/L**	20	26-Sep-2023 06:54
Nitrate/Nitrite (as N)	U		1.00	mg/L	5	23-Sep-2023 01:32
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**26.1**		**20.0**	**mg/L**	20	30-Sep-2023 02:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22C-20230921
Collection Date: 21-Sep-2023 10:10

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:59
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 06:59
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
2-Butanone	**0.92**		**0.10**	**mg/L**	50	27-Sep-2023 06:59
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 06:59
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 06:59
Acetone	U		0.10	mg/L	50	27-Sep-2023 06:59
Benzene	U		0.050	mg/L	50	27-Sep-2023 06:59
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 06:59
Bromoform	U		0.050	mg/L	50	27-Sep-2023 06:59
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 06:59
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 06:59
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 06:59
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 06:59
Chloroform	U		0.050	mg/L	50	27-Sep-2023 06:59
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 06:59
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:59
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 06:59
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 06:59
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 06:59
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 06:59
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 06:59
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 06:59
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 06:59
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 06:59
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 06:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22C-20230921
Collection Date: 21-Sep-2023 10:10

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 06:59
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 06:59
Styrene	U		0.050	mg/L	50	27-Sep-2023 06:59
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 06:59
Toluene	U		0.050	mg/L	50	27-Sep-2023 06:59
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:59
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 06:59
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 06:59
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 06:59
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 06:59
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 06:59
Surr: 1,2-Dichloroethane-d4	*91.4*		*70-126*	*%REC*	*50*	*27-Sep-2023 06:59*
Surr: 4-Bromofluorobenzene	*93.5*		*77-113*	*%REC*	*50*	*27-Sep-2023 06:59*
Surr: Dibromofluoromethane	*95.0*		*77-123*	*%REC*	*50*	*27-Sep-2023 06:59*
Surr: Toluene-d8	*99.2*		*82-127*	*%REC*	*50*	*27-Sep-2023 06:59*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.00500	mg/L	10	04-Oct-2023 13:50
Aroclor 1221	U		0.00500	mg/L	10	04-Oct-2023 13:50
Aroclor 1232	U		0.00500	mg/L	10	04-Oct-2023 13:50
Aroclor 1242	**0.0611**		**0.00500**	**mg/L**	10	04-Oct-2023 13:50
Aroclor 1248	U		0.00500	mg/L	10	04-Oct-2023 13:50
Aroclor 1254	U		0.00500	mg/L	10	04-Oct-2023 13:50
Aroclor 1260	U		0.00500	mg/L	10	04-Oct-2023 13:50
PCBs (Total)	**0.0611**		**0.00500**	**mg/L**	10	04-Oct-2023 13:50
Surr: Decachlorobiphenyl	*109*	*J*	*54-140*	*%REC*	*10*	*04-Oct-2023 13:50*
Surr: Tetrachloro-m-xylene	*101*	*J*	*53-137*	*%REC*	*10*	*04-Oct-2023 13:50*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**0.776**		**0.100**	**mg/L**	1	23-Sep-2023 01:37
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	23-Sep-2023 01:37
Sulfate	**26.9**		**0.500**	**mg/L**	1	23-Sep-2023 01:37
Nitrate/Nitrite (as N)	**0.776**		**0.200**	**mg/L**	1	23-Sep-2023 01:37
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**317**		**50.0**	**mg/L**	50	03-Oct-2023 10:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-40-20230921
Collection Date: 21-Sep-2023 08:30

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:22
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 07:22
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
2-Butanone	U		0.10	mg/L	50	27-Sep-2023 07:22
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 07:22
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 07:22
Acetone	U		0.10	mg/L	50	27-Sep-2023 07:22
Benzene	U		0.050	mg/L	50	27-Sep-2023 07:22
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 07:22
Bromoform	U		0.050	mg/L	50	27-Sep-2023 07:22
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 07:22
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 07:22
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 07:22
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 07:22
Chloroform	U		0.050	mg/L	50	27-Sep-2023 07:22
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 07:22
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:22
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 07:22
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 07:22
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 07:22
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 07:22
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 07:22
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 07:22
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 07:22
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 07:22
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 07:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-40-20230921
Collection Date: 21-Sep-2023 08:30

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 07:22
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 07:22
Styrene	U		0.050	mg/L	50	27-Sep-2023 07:22
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 07:22
Toluene	U		0.050	mg/L	50	27-Sep-2023 07:22
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:22
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 07:22
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:22
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 07:22
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 07:22
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 07:22
Surr: 1,2-Dichloroethane-d4	*91.0*		*70-126*	*%REC*	*50*	*27-Sep-2023 07:22*
Surr: 4-Bromofluorobenzene	*93.6*		*77-113*	*%REC*	*50*	*27-Sep-2023 07:22*
Surr: Dibromofluoromethane	*94.7*		*77-123*	*%REC*	*50*	*27-Sep-2023 07:22*
Surr: Toluene-d8	*97.0*		*82-127*	*%REC*	*50*	*27-Sep-2023 07:22*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.000500	mg/L	1	03-Oct-2023 14:04
Aroclor 1221	U		0.000500	mg/L	1	03-Oct-2023 14:04
Aroclor 1232	**0.00649**		**0.000500**	**mg/L**	1	03-Oct-2023 14:04
Aroclor 1242	U		0.000500	mg/L	1	03-Oct-2023 14:04
Aroclor 1248	U		0.000500	mg/L	1	03-Oct-2023 14:04
Aroclor 1254	U		0.000500	mg/L	1	03-Oct-2023 14:04
Aroclor 1260	U		0.000500	mg/L	1	03-Oct-2023 14:04
PCBs (Total)	**0.00649**		**0.000500**	**mg/L**	1	03-Oct-2023 14:04
Surr: Decachlorobiphenyl	*118*		*54-140*	*%REC*	*1*	*03-Oct-2023 14:04*
Surr: Tetrachloro-m-xylene	*116*		*53-137*	*%REC*	*1*	*03-Oct-2023 14:04*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	23-Sep-2023 01:55
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	23-Sep-2023 01:55
Sulfate	**161**		**2.50**	**mg/L**	5	25-Sep-2023 16:55
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	23-Sep-2023 01:55
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**15.0**		**1.00**	**mg/L**	1	30-Sep-2023 03:41

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-54-20230921
Collection Date: 21-Sep-2023 10:30

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,1,2,2-Tetrachloroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,1,2-Trichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,1-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,1-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:45
1,2,4-Trichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
1,2-Dibromo-3-chloropropane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,2-Dibromoethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,2-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
1,2-Dichloroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,2-Dichloropropane	U		0.050	mg/L	50	27-Sep-2023 07:45
1,3-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
1,4-Dichlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
2-Butanone	U		0.10	mg/L	50	27-Sep-2023 07:45
2-Hexanone	U		0.10	mg/L	50	27-Sep-2023 07:45
4-Methyl-2-pentanone	U		0.10	mg/L	50	27-Sep-2023 07:45
Acetone	U		0.10	mg/L	50	27-Sep-2023 07:45
Benzene	U		0.050	mg/L	50	27-Sep-2023 07:45
Bromodichloromethane	U		0.050	mg/L	50	27-Sep-2023 07:45
Bromoform	U		0.050	mg/L	50	27-Sep-2023 07:45
Bromomethane	U		0.050	mg/L	50	27-Sep-2023 07:45
Carbon disulfide	U		0.10	mg/L	50	27-Sep-2023 07:45
Carbon tetrachloride	U		0.050	mg/L	50	27-Sep-2023 07:45
Chlorobenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
Chloroethane	U		0.050	mg/L	50	27-Sep-2023 07:45
Chloroform	U		0.050	mg/L	50	27-Sep-2023 07:45
Chloromethane	U		0.050	mg/L	50	27-Sep-2023 07:45
cis-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:45
cis-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 07:45
Cyclohexane	U		0.050	mg/L	50	27-Sep-2023 07:45
Dibromochloromethane	U		0.050	mg/L	50	27-Sep-2023 07:45
Dichlorodifluoromethane	U		0.050	mg/L	50	27-Sep-2023 07:45
Ethylbenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
Isopropylbenzene	U		0.050	mg/L	50	27-Sep-2023 07:45
m,p-Xylene	U		0.10	mg/L	50	27-Sep-2023 07:45
Methyl acetate	U		0.050	mg/L	50	27-Sep-2023 07:45
Methyl tert-butyl ether	U		0.050	mg/L	50	27-Sep-2023 07:45
Methylcyclohexane	U		0.050	mg/L	50	27-Sep-2023 07:45

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-54-20230921
Collection Date: 21-Sep-2023 10:30

ANALYTICAL REPORT
WorkOrder:HS23091358
Lab ID:HS23091358-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.10	mg/L	50	27-Sep-2023 07:45
o-Xylene	U		0.050	mg/L	50	27-Sep-2023 07:45
Styrene	U		0.050	mg/L	50	27-Sep-2023 07:45
Tetrachloroethene	U		0.050	mg/L	50	27-Sep-2023 07:45
Toluene	U		0.050	mg/L	50	27-Sep-2023 07:45
trans-1,2-Dichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:45
trans-1,3-Dichloropropene	U		0.050	mg/L	50	27-Sep-2023 07:45
Trichloroethene	U		0.050	mg/L	50	27-Sep-2023 07:45
Trichlorofluoromethane	U		0.050	mg/L	50	27-Sep-2023 07:45
Vinyl chloride	U		0.050	mg/L	50	27-Sep-2023 07:45
Xylenes, Total	U		0.15	mg/L	50	27-Sep-2023 07:45
Surr: 1,2-Dichloroethane-d4	*90.2*		*70-126*	*%REC*	*50*	*27-Sep-2023 07:45*
Surr: 4-Bromofluorobenzene	*90.5*		*77-113*	*%REC*	*50*	*27-Sep-2023 07:45*
Surr: Dibromofluoromethane	*94.3*		*77-123*	*%REC*	*50*	*27-Sep-2023 07:45*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*50*	*27-Sep-2023 07:45*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 28-Sep-2023		Analyst: PJM
Aroclor 1016	U		0.00250	mg/L	5	04-Oct-2023 14:16
Aroclor 1221	U		0.00250	mg/L	5	04-Oct-2023 14:16
Aroclor 1232	U		0.00250	mg/L	5	04-Oct-2023 14:16
Aroclor 1242	**0.0257**		**0.00250**	**mg/L**	5	04-Oct-2023 14:16
Aroclor 1248	U		0.00250	mg/L	5	04-Oct-2023 14:16
Aroclor 1254	U		0.00250	mg/L	5	04-Oct-2023 14:16
Aroclor 1260	U		0.00250	mg/L	5	04-Oct-2023 14:16
PCBs (Total)	**0.0257**		**0.00250**	**mg/L**	5	04-Oct-2023 14:16
Surr: Decachlorobiphenyl	*108*	*J*	*54-140*	*%REC*	*5*	*04-Oct-2023 14:16*
Surr: Tetrachloro-m-xylene	*85.7*	*J*	*53-137*	*%REC*	*5*	*04-Oct-2023 14:16*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	23-Sep-2023 02:00
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	23-Sep-2023 02:00
Sulfate	**143**		**2.50**	**mg/L**	5	25-Sep-2023 17:01
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	23-Sep-2023 02:00
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: DW
Organic Carbon, Total	**63.9**		**10.0**	**mg/L**	10	03-Oct-2023 11:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US

Date: 05-Oct-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

Batch ID: 201124 **Start Date:** 28 Sep 2023 12:20 **End Date:** 28 Sep 2023 12:20
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091358-02	1	310 (mL)	10 (mL)	0.03226	1-liter amber glass, Neat
HS23091358-03	1	620 (mL)	10 (mL)	0.01613	1-liter amber glass, Neat
HS23091358-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23091358-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23091358-06	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 201124 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Groundwater	
HS23091358-02	6-21C-20230921	21 Sep 2023 08:40		28 Sep 2023 12:20	29 Sep 2023 14:44	1
HS23091358-03	6-22B-20230921	21 Sep 2023 09:30		28 Sep 2023 12:20	29 Sep 2023 14:57	1
HS23091358-04	6-22C-20230921	21 Sep 2023 10:10		28 Sep 2023 12:20	04 Oct 2023 13:50	10
HS23091358-05	6-40-20230921	21 Sep 2023 08:30		28 Sep 2023 12:20	03 Oct 2023 14:04	1
HS23091358-06	6-54-20230921	21 Sep 2023 10:30		28 Sep 2023 12:20	04 Oct 2023 14:16	5
Batch ID: R447148 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Groundwater	
HS23091358-02	6-21C-20230921	21 Sep 2023 08:40			23 Sep 2023 01:26	2
HS23091358-03	6-22B-20230921	21 Sep 2023 09:30			23 Sep 2023 01:32	5
HS23091358-04	6-22C-20230921	21 Sep 2023 10:10			23 Sep 2023 01:37	1
HS23091358-05	6-40-20230921	21 Sep 2023 08:30			23 Sep 2023 01:55	1
HS23091358-06	6-54-20230921	21 Sep 2023 10:30			23 Sep 2023 02:00	1
Batch ID: R447283 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Groundwater	
HS23091358-03	6-22B-20230921	21 Sep 2023 09:30			26 Sep 2023 06:54	20
HS23091358-05	6-40-20230921	21 Sep 2023 08:30			25 Sep 2023 16:55	5
HS23091358-06	6-54-20230921	21 Sep 2023 10:30			25 Sep 2023 17:01	5
Batch ID: R447408 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23091358-02	6-21C-20230921	21 Sep 2023 08:40			27 Sep 2023 08:07	100
HS23091358-03	6-22B-20230921	21 Sep 2023 09:30			27 Sep 2023 06:36	50
HS23091358-04	6-22C-20230921	21 Sep 2023 10:10			27 Sep 2023 06:59	50
HS23091358-05	6-40-20230921	21 Sep 2023 08:30			27 Sep 2023 07:22	50
HS23091358-06	6-54-20230921	21 Sep 2023 10:30			27 Sep 2023 07:45	50
Batch ID: R447408 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23091358-01	12603647-TB01	21 Sep 2023 00:00			27 Sep 2023 00:32	1
Batch ID: R447864 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Groundwater	
HS23091358-03	6-22B-20230921	21 Sep 2023 09:30			30 Sep 2023 02:58	20
HS23091358-05	6-40-20230921	21 Sep 2023 08:30			30 Sep 2023 03:41	1
Batch ID: R448005 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Groundwater	
HS23091358-02	6-21C-20230921	21 Sep 2023 08:40			03 Oct 2023 10:36	100
HS23091358-04	6-22C-20230921	21 Sep 2023 10:10			03 Oct 2023 10:57	50
HS23091358-06	6-54-20230921	21 Sep 2023 10:30			03 Oct 2023 11:18	10

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: 201124 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-201124** Units: **ug/L** Analysis Date: **29-Sep-2023 13:54**
Client ID: Run ID: **ECD_7_447927** SeqNo: **7579453** PrepDate: **28-Sep-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.1953*	*0.0500*	*0.2*	*0*	*97.6*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1731*	*0.0500*	*0.2*	*0*	*86.6*	*53 - 137*				

LCS Sample ID: **LCS-201124** Units: **ug/L** Analysis Date: **29-Sep-2023 13:28**
Client ID: Run ID: **ECD_7_447927** SeqNo: **7579451** PrepDate: **28-Sep-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.523	0.500	5	0	90.5	54 - 138				
Aroclor 1260	4.816	0.500	5	0	96.3	57 - 136				
PCBs (Total)	9.339	0.500	10	0	93.4	57 - 136				
Surr: Decachlorobiphenyl	*0.2067*	*0.0500*	*0.2*	*0*	*103*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1783*	*0.0500*	*0.2*	*0*	*89.1*	*53 - 137*				

LCSD Sample ID: **LCSD-201124** Units: **ug/L** Analysis Date: **29-Sep-2023 13:41**
Client ID: Run ID: **ECD_7_447927** SeqNo: **7579452** PrepDate: **28-Sep-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.639	0.500	5	0	92.8	54 - 138	4.523	2.54	20	
Aroclor 1260	5.124	0.500	5	0	102	57 - 136	4.816	6.21	20	
PCBs (Total)	9.763	0.500	10	0	97.6	57 - 136	9.339	4.45		
Surr: Decachlorobiphenyl	*0.2184*	*0.0500*	*0.2*	*0*	*109*	*54 - 140*	*0.2067*	*5.5*	*20*	
Surr: Tetrachloro-m-xylene	*0.1896*	*0.0500*	*0.2*	*0*	*94.8*	*53 - 137*	*0.1783*	*6.15*	*20*	

The following samples were analyzed in this batch: HS23091358-02 HS23091358-03 HS23091358-04 HS23091358-05 HS23091358-06

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 23:01**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566458** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 23:01**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566458** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*44.08*	*1.0*	*50*	*0*	*88.2*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*46.23*	*1.0*	*50*	*0*	*92.5*	*77 - 113*			
Surr: Dibromofluoromethane	*46.22*	*1.0*	*50*	*0*	*92.4*	*73 - 126*			
Surr: Toluene-d8	*49.66*	*1.0*	*50*	*0*	*99.3*	*81 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 22:15**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566457** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.51	1.0	20	0	82.5	70 - 130				
1,1,2,2-Tetrachloroethane	17.03	1.0	20	0	85.2	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	17.48	1.0	20	0	87.4	70 - 130				
1,1,2-Trichloroethane	17.72	1.0	20	0	88.6	77 - 113				
1,1-Dichloroethane	17.52	1.0	20	0	87.6	71 - 122				
1,1-Dichloroethene	18.04	1.0	20	0	90.2	70 - 130				
1,2,4-Trichlorobenzene	18.51	1.0	20	0	92.6	77 - 126				
1,2-Dibromo-3-chloropropane	16.74	1.0	20	0	83.7	70 - 130				
1,2-Dibromoethane	17.92	1.0	20	0	89.6	76 - 123				
1,2-Dichlorobenzene	18.97	1.0	20	0	94.9	77 - 113				
1,2-Dichloroethane	19.14	1.0	20	0	95.7	70 - 124				
1,2-Dichloropropane	17.99	1.0	20	0	90.0	72 - 119				
1,3-Dichlorobenzene	18.82	1.0	20	0	94.1	78 - 118				
1,4-Dichlorobenzene	18.23	1.0	20	0	91.2	79 - 113				
2-Butanone	34.44	2.0	40	0	86.1	70 - 130				
2-Hexanone	31.45	2.0	40	0	78.6	70 - 130				
4-Methyl-2-pentanone	34.71	2.0	40	0	86.8	70 - 130				
Acetone	34.41	2.0	40	0	86.0	70 - 130				
Benzene	18.37	1.0	20	0	91.8	74 - 120				
Bromodichloromethane	18.11	1.0	20	0	90.5	74 - 122				
Bromoform	19.91	1.0	20	0	99.5	73 - 128				
Bromomethane	20.58	1.0	20	0	103	70 - 130				
Carbon disulfide	35.21	2.0	40	0	88.0	70 - 130				
Carbon tetrachloride	19.19	1.0	20	0	95.9	71 - 125				
Chlorobenzene	17.97	1.0	20	0	89.9	76 - 113				
Chloroethane	14.97	1.0	20	0	74.9	70 - 130				
Chloroform	17.98	1.0	20	0	89.9	71 - 121				
Chloromethane	18.2	1.0	20	0	91.0	70 - 129				
cis-1,2-Dichloroethene	18.29	1.0	20	0	91.4	75 - 122				
cis-1,3-Dichloropropene	18.11	1.0	20	0	90.6	73 - 127				
Cyclohexane	17.3	1.0	20	0	86.5	70 - 130				
Dibromochloromethane	18.5	1.0	20	0	92.5	77 - 122				
Dichlorodifluoromethane	15.82	1.0	20	0	79.1	70 - 130				
Ethylbenzene	18.57	1.0	20	0	92.9	77 - 117				

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-230925** Units: **ug/L** Analysis Date: **26-Sep-2023 22:15**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566457** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.33	1.0	20	0	96.6	73 - 127				
m,p-Xylene	38.46	2.0	40	0	96.1	77 - 122				
Methyl acetate	16.08	1.0	20	0	80.4	76 - 122				
Methyl tert-butyl ether	16.4	1.0	20	0	82.0	70 - 130				
Methylcyclohexane	18.77	1.0	20	0	93.9	61 - 157				
Methylene chloride	18.44	2.0	20	0	92.2	70 - 127				
o-Xylene	19.1	1.0	20	0	95.5	75 - 119				
Styrene	19.75	1.0	20	0	98.8	72 - 126				
Tetrachloroethene	19.15	1.0	20	0	95.8	76 - 119				
Toluene	18.37	1.0	20	0	91.8	77 - 118				
trans-1,2-Dichloroethene	18.18	1.0	20	0	90.9	72 - 127				
trans-1,3-Dichloropropene	17.79	1.0	20	0	88.9	77 - 119				
Trichloroethene	19.32	1.0	20	0	96.6	77 - 121				
Trichlorofluoromethane	17.71	1.0	20	0	88.6	70 - 130				
Vinyl chloride	15.79	1.0	20	0	78.9	70 - 130				
Xylenes, Total	57.56	3.0	60	0	95.9	75 - 122				
Surr: 1,2-Dichloroethane-d4	*41.3*	*1.0*	*50*	*0*	*82.6*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.79*	*1.0*	*50*	*0*	*97.6*	*77 - 113*				
Surr: Dibromofluoromethane	*43.83*	*1.0*	*50*	*0*	*87.7*	*73 - 126*				
Surr: Toluene-d8	*49.91*	*1.0*	*50*	*0*	*99.8*	*81 - 120*				

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23091354-01MS** Units: **ug/L** Analysis Date: **27-Sep-2023 02:26**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566467** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.14	1.0	20	0	85.7	70 - 130				
1,1,2,2-Tetrachloroethane	18.16	1.0	20	0	90.8	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	17.6	1.0	20	0	88.0	70 - 130				
1,1,2-Trichloroethane	18.04	1.0	20	0	90.2	70 - 117				
1,1-Dichloroethane	17.54	1.0	20	0	87.7	70 - 127				
1,1-Dichloroethene	19.05	1.0	20	0	95.2	70 - 130				
1,2,4-Trichlorobenzene	17.51	1.0	20	0	87.5	70 - 125				
1,2-Dibromo-3-chloropropane	17.67	1.0	20	0	88.4	70 - 130				
1,2-Dibromoethane	18.27	1.0	20	0	91.4	70 - 124				
1,2-Dichlorobenzene	18.94	1.0	20	0	94.7	70 - 115				
1,2-Dichloroethane	19.31	1.0	20	0	96.5	70 - 127				
1,2-Dichloropropane	18.28	1.0	20	0	91.4	70 - 122				
1,3-Dichlorobenzene	19.04	1.0	20	0	95.2	70 - 119				
1,4-Dichlorobenzene	17.99	1.0	20	0	90.0	70 - 114				
2-Butanone	32.67	2.0	40	0	81.7	70 - 130				
2-Hexanone	32.79	2.0	40	0	82.0	70 - 130				
4-Methyl-2-pentanone	34.18	2.0	40	0	85.4	70 - 130				
Acetone	36.42	2.0	40	0	91.1	70 - 130				
Benzene	18.59	1.0	20	0	93.0	70 - 127				
Bromodichloromethane	17.79	1.0	20	0	88.9	70 - 124				
Bromoform	19.6	1.0	20	0	98.0	70 - 129				
Bromomethane	18.43	1.0	20	0	92.1	70 - 130				
Carbon disulfide	36.85	2.0	40	0	92.1	70 - 130				
Carbon tetrachloride	20.07	1.0	20	0	100	70 - 130				
Chlorobenzene	18.22	1.0	20	0	91.1	70 - 114				
Chloroethane	14.4	1.0	20	0	72.0	70 - 130				
Chloroform	18.34	1.0	20	0	91.7	70 - 125				
Chloromethane	19.01	1.0	20	0	95.0	70 - 130				
cis-1,2-Dichloroethene	18.04	1.0	20	0	90.2	70 - 128				
cis-1,3-Dichloropropene	17.11	1.0	20	0	85.5	70 - 125				
Cyclohexane	16.69	1.0	20	0	83.4	70 - 130				
Dibromochloromethane	18.55	1.0	20	0	92.8	70 - 124				
Dichlorodifluoromethane	15	1.0	20	0	75.0	70 - 130				
Ethylbenzene	19.23	1.0	20	0	96.2	70 - 124				

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23091354-01MS** Units: **ug/L** Analysis Date: **27-Sep-2023 02:26**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566467** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.61	1.0	20	0	98.1	70 - 130				
m,p-Xylene	39.41	2.0	40	0	98.5	70 - 130				
Methyl acetate	12.2	1.0	20	0	61.0	76 - 122				S
Methyl tert-butyl ether	16.26	1.0	20	0	81.3	70 - 130				
Methylcyclohexane	18.75	1.0	20	0	93.7	61 - 158				
Methylene chloride	16.92	2.0	20	0	84.6	70 - 128				
o-Xylene	19.1	1.0	20	0	95.5	70 - 124				
Styrene	19.37	1.0	20	0	96.9	70 - 130				
Tetrachloroethene	20.49	1.0	20	0	102	70 - 130				
Toluene	19.2	1.0	20	0.6815	92.6	70 - 123				
trans-1,2-Dichloroethene	18.57	1.0	20	0	92.9	70 - 130				
trans-1,3-Dichloropropene	17.42	1.0	20	0	87.1	70 - 121				
Trichloroethene	19.2	1.0	20	0	96.0	70 - 129				
Trichlorofluoromethane	18.28	1.0	20	0	91.4	70 - 130				
Vinyl chloride	16.16	1.0	20	0	80.8	70 - 130				
Xylenes, Total	58.51	3.0	60	0	97.5	70 - 130				
Surr: 1,2-Dichloroethane-d4	*41.51*	*1.0*	*50*	*0*	*83.0*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*48.48*	*1.0*	*50*	*0*	*97.0*	*77 - 113*				
Surr: Dibromofluoromethane	*43.45*	*1.0*	*50*	*0*	*86.9*	*77 - 123*				
Surr: Toluene-d8	*49.71*	*1.0*	*50*	*0*	*99.4*	*82 - 127*				

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23091354-01MSD** Units: **ug/L** Analysis Date: **27-Sep-2023 02:48**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.27	1.0	20	0	81.3	70 - 130	17.14	5.26	20	
1,1,2,2-Tetrachloroethane	16.64	1.0	20	0	83.2	70 - 123	18.16	8.72	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	16.62	1.0	20	0	83.1	70 - 130	17.6	5.73	20	
1,1,2-Trichloroethane	17.5	1.0	20	0	87.5	70 - 117	18.04	3.03	20	
1,1-Dichloroethane	17.2	1.0	20	0	86.0	70 - 127	17.54	1.98	20	
1,1-Dichloroethene	18.19	1.0	20	0	90.9	70 - 130	19.05	4.62	20	
1,2,4-Trichlorobenzene	16.44	1.0	20	0	82.2	70 - 125	17.51	6.31	20	
1,2-Dibromo-3-chloropropane	15.83	1.0	20	0	79.1	70 - 130	17.67	11	20	
1,2-Dibromoethane	17.89	1.0	20	0	89.5	70 - 124	18.27	2.1	20	
1,2-Dichlorobenzene	17.44	1.0	20	0	87.2	70 - 115	18.94	8.24	20	
1,2-Dichloroethane	18.9	1.0	20	0	94.5	70 - 127	19.31	2.12	20	
1,2-Dichloropropane	17.23	1.0	20	0	86.2	70 - 122	18.28	5.88	20	
1,3-Dichlorobenzene	17.03	1.0	20	0	85.2	70 - 119	19.04	11.1	20	
1,4-Dichlorobenzene	16.54	1.0	20	0	82.7	70 - 114	17.99	8.43	20	
2-Butanone	35.14	2.0	40	0	87.9	70 - 130	32.67	7.29	20	
2-Hexanone	33.71	2.0	40	0	84.3	70 - 130	32.79	2.78	20	
4-Methyl-2-pentanone	35.99	2.0	40	0	90.0	70 - 130	34.18	5.17	20	
Acetone	38.05	2.0	40	0	95.1	70 - 130	36.42	4.38	20	
Benzene	17.79	1.0	20	0	88.9	70 - 127	18.59	4.44	20	
Bromodichloromethane	17.39	1.0	20	0	86.9	70 - 124	17.79	2.26	20	
Bromoform	19.28	1.0	20	0	96.4	70 - 129	19.6	1.61	20	
Bromomethane	18.05	1.0	20	0	90.3	70 - 130	18.43	2.08	20	
Carbon disulfide	33.84	2.0	40	0	84.6	70 - 130	36.85	8.52	20	
Carbon tetrachloride	18.76	1.0	20	0	93.8	70 - 130	20.07	6.74	20	
Chlorobenzene	17.57	1.0	20	0	87.8	70 - 114	18.22	3.64	20	
Chloroethane	12.9	1.0	20	0	64.5	70 - 130	14.4	11	20	S
Chloroform	17.66	1.0	20	0	88.3	70 - 125	18.34	3.79	20	
Chloromethane	18.5	1.0	20	0	92.5	70 - 130	19.01	2.7	20	
cis-1,2-Dichloroethene	17.48	1.0	20	0	87.4	70 - 128	18.04	3.14	20	
cis-1,3-Dichloropropene	16.48	1.0	20	0	82.4	70 - 125	17.11	3.7	20	
Cyclohexane	15.95	1.0	20	0	79.7	70 - 130	16.69	4.54	20	
Dibromochloromethane	17.99	1.0	20	0	89.9	70 - 124	18.55	3.07	20	
Dichlorodifluoromethane	14.07	1.0	20	0	70.3	70 - 130	15	6.44	20	
Ethylbenzene	18.08	1.0	20	0	90.4	70 - 124	19.23	6.17	20	

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447408 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23091354-01MSD** Units: **ug/L** Analysis Date: **27-Sep-2023 02:48**
Client ID: Run ID: **VOA4_447408** SeqNo: **7566468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	18.71	1.0	20	0	93.6	70 - 130	19.61	4.68	20	
m,p-Xylene	37.39	2.0	40	0	93.5	70 - 130	39.41	5.27	20	
Methyl acetate	12.27	1.0	20	0	61.4	76 - 122	12.2	0.605	20	S
Methyl tert-butyl ether	16.3	1.0	20	0	81.5	70 - 130	16.26	0.249	20	
Methylcyclohexane	17.88	1.0	20	0	89.4	61 - 158	18.75	4.71	20	
Methylene chloride	17.08	2.0	20	0	85.4	70 - 128	16.92	0.898	20	
o-Xylene	18.3	1.0	20	0	91.5	70 - 124	19.1	4.26	20	
Styrene	18.75	1.0	20	0	93.7	70 - 130	19.37	3.28	20	
Tetrachloroethene	19.37	1.0	20	0	96.8	70 - 130	20.49	5.62	20	
Toluene	18.56	1.0	20	0.6815	89.4	70 - 123	19.2	3.38	20	
trans-1,2-Dichloroethene	17.55	1.0	20	0	87.7	70 - 130	18.57	5.67	20	
trans-1,3-Dichloropropene	16.95	1.0	20	0	84.8	70 - 121	17.42	2.72	20	
Trichloroethene	18.49	1.0	20	0	92.4	70 - 129	19.2	3.79	20	
Trichlorofluoromethane	17.7	1.0	20	0	88.5	70 - 130	18.28	3.25	20	
Vinyl chloride	15.82	1.0	20	0	79.1	70 - 130	16.16	2.16	20	
Xylenes, Total	55.69	3.0	60	0	92.8	70 - 130	58.51	4.94	20	
Surr: 1,2-Dichloroethane-d4	*41.71*	*1.0*	*50*	*0*	*83.4*	*70 - 126*	*41.51*	*0.493*	*20*	
Surr: 4-Bromofluorobenzene	*49.81*	*1.0*	*50*	*0*	*99.6*	*77 - 113*	*48.48*	*2.7*	*20*	
Surr: Dibromofluoromethane	*44.02*	*1.0*	*50*	*0*	*88.0*	*77 - 123*	*43.45*	*1.3*	*20*	
Surr: Toluene-d8	*49.7*	*1.0*	*50*	*0*	*99.4*	*82 - 127*	*49.71*	*0.0299*	*20*	

The following samples were analyzed in this batch: HS23091358-01 HS23091358-02 HS23091358-03 HS23091358-04 HS23091358-05 HS23091358-06

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447148 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **23-Sep-2023 02:29**
Client ID: Run ID: **ICS-Integrion_447148** SeqNo: **7561809** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	U	0.100								
Nitrogen, Nitrite (As N)	U	0.100								
Nitrate/Nitrite (as N)	U	0.200								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **23-Sep-2023 02:35**
Client ID: Run ID: **ICS-Integrion_447148** SeqNo: **7561810** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.08	0.100	4	0	102	90 - 110				
Nitrogen, Nitrite (As N)	4.086	0.100	4	0	102	90 - 110				
Nitrate/Nitrite (as N)	8.166	0.200	8	0	102	90 - 110				
Sulfate	20.47	0.500	20	0	102	90 - 110				

MS Sample ID: **HS23091358-04MS** Units: **mg/L** Analysis Date: **23-Sep-2023 01:43**
Client ID: **6-22C-20230921** Run ID: **ICS-Integrion_447148** SeqNo: **7561803** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.115	0.100	2	0.7765	66.9	80 - 120				S
Nitrogen, Nitrite (As N)	1.225	0.100	2	0	61.2	80 - 120				S
Nitrate/Nitrite (as N)	3.34	0.200	4	0.7765	64.1	80 - 120				S
Sulfate	36.07	0.500	10	26.89	91.7	80 - 120				

MS Sample ID: **HS23091353-01MS** Units: **mg/L** Analysis Date: **23-Sep-2023 00:34**
Client ID: Run ID: **ICS-Integrion_447148** SeqNo: **7561793** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	1.97	0.100	2	0	98.5	80 - 120				
Nitrogen, Nitrite (As N)	1.921	0.100	2	0.0878	91.7	80 - 120				
Nitrate/Nitrite (as N)	3.891	0.200	4	0.0878	95.1	80 - 120				
Sulfate	46.44	0.500	10	38.92	75.2	80 - 120				S

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447148 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MSD Sample ID: **HS23091358-04MSD** Units: **mg/L** Analysis Date: **23-Sep-2023 01:49**
Client ID: **6-22C-20230921** Run ID: **ICS-Integrion_447148** SeqNo: **7561804** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.124	0.100	2	0.7765	67.4	80 - 120	2.115	0.453	20	S
Nitrogen, Nitrite (As N)	1.218	0.100	2	0	60.9	80 - 120	1.225	0.54	20	S
Nitrate/Nitrite (as N)	3.342	0.200	4	0.7765	64.2	80 - 120	3.34	0.0898	20	S
Sulfate	36.22	0.500	10	26.89	93.3	80 - 120	36.07	0.422	20	

MSD Sample ID: **HS23091353-01MSD** Units: **mg/L** Analysis Date: **23-Sep-2023 00:39**
Client ID: Run ID: **ICS-Integrion_447148** SeqNo: **7561794** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	1.978	0.100	2	0	98.9	80 - 120	1.97	0.395	20	
Nitrogen, Nitrite (As N)	1.915	0.100	2	0.0878	91.4	80 - 120	1.921	0.313	20	
Nitrate/Nitrite (as N)	3.893	0.200	4	0.0878	95.1	80 - 120	3.891	0.0462	20	
Sulfate	46.38	0.500	10	38.92	74.6	80 - 120	46.44	0.13	20	S

The following samples were analyzed in this batch: HS23091358-02 HS23091358-03 HS23091358-04 HS23091358-05 HS23091358-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447283 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **25-Sep-2023 16:03**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564275** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **25-Sep-2023 16:08**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564276** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	20.42	0.500	20	0	102	90 - 110				

MS Sample ID: **HS23090533-02MS** Units: **mg/L** Analysis Date: **25-Sep-2023 19:03**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564300** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	5040	125	2500	2689	94.1	80 - 120				

MS Sample ID: **HS23090533-01MS** Units: **mg/L** Analysis Date: **25-Sep-2023 18:11**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564293** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	3111	125	2500	624.6	99.5	80 - 120				

MSD Sample ID: **HS23090533-02MSD** Units: **mg/L** Analysis Date: **25-Sep-2023 19:08**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564301** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	5016	125	2500	2689	93.1	80 - 120	5040	0.483	20	

MSD Sample ID: **HS23090533-01MSD** Units: **mg/L** Analysis Date: **25-Sep-2023 18:16**
Client ID: Run ID: **ICS-Integrion_447283** SeqNo: **7564294** PrepDate: DF: **250**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	3117	125	2500	624.6	99.7	80 - 120	3111	0.183	20	

The following samples were analyzed in this batch: HS23091358-03 HS23091358-05 HS23091358-06

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R447864 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-09292023** Units: **mg/L** Analysis Date: **29-Sep-2023 22:15**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578128** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-09292023** Units: **mg/L** Analysis Date: **29-Sep-2023 22:36**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578129** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.54	1.00	10	0	95.4	85 - 115				

LCSD Sample ID: **LCSD-09292023** Units: **mg/L** Analysis Date: **29-Sep-2023 22:57**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578130** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.643	1.00	10	0	96.4	85 - 115	9.54	1.07	20	

MS Sample ID: **HS23091633-03MS** Units: **mg/L** Analysis Date: **29-Sep-2023 23:56**
Client ID: Run ID: **TOC_05_447864** SeqNo: **7578133** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	15.94	1.00	10	6.326	96.1	80 - 120				

The following samples were analyzed in this batch: HS23091358-03 HS23091358-05

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23091358

QC BATCH REPORT

Batch ID: R448005 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-10022023** Units: **mg/L** Analysis Date: **03-Oct-2023 08:29**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581315** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-10022023** Units: **mg/L** Analysis Date: **03-Oct-2023 08:50**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581316** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.698	1.00	10	0	97.0	85 - 115				

LCSD Sample ID: **LCSD-10022023** Units: **mg/L** Analysis Date: **03-Oct-2023 09:11**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581317** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.7	1.00	10	0	97.0	85 - 115	9.698	0.0206	20	

MS Sample ID: **HS23091352-02MS** Units: **mg/L** Analysis Date: **03-Oct-2023 09:54**
Client ID: Run ID: **TOC_05_448005** SeqNo: **7581399** PrepDate: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	2723	100	1000	1809	91.4	80 - 120				

The following samples were analyzed in this batch: HS23091358-02 HS23091358-04 HS23091358-06

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ALS Houston, US Date: 05-Oct-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23091358**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 05-Oct-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

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ALS Houston, US Date: 05-Oct-23

Sample Receipt Checklist

Work Order ID: HS23091358 **Date/Time Received:** 22-Sep-2023 09:30

Client Name: GHDHouston **Received by:** Malcolm Burleson

Completed By: /S/ Malcolm Burleson (eSignature) 22-Sep-2023 12:38 (Date/Time) **Reviewed by:** /S/ James Guin (eSignature) 22-Sep-2023 16:25 (Date/Time)

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:298562
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	2.5UC 2.4C	IR31
Cooler(s)/Kit(s):	51647	
Date/Time sample(s) sent to storage:	09222023	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Sample ID
6-21C-20230921 Low PCB Volume (150ML)
6-22B-20230921 Low PCB Volume (500ML)

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page _____ of _____

COC ID: 298562

HS23091358

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01			Water	1,8	2					X						
2	6-21C-20230921	9/21/23	8:40	GW	1,3,8	7	X	X	X	X							
3	6-22B-20230921	9/21/23	9:30	GW	1,3,8	7	X	X	X	X							
4	6-22C-20230921	9/21/23	10:10	GW	1,3,8	8	X	X	X	X							
5	6-40-20230921	9/21/23	8:30	GW	1,3,8	8	X	X	X	X							
6	6-54-20230921	9/21/23	10:30	GW	1,3,8	8	X	X	X	X							
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method: FedEx

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other _____

Results Due Date:

Relinquished by:	Date: 9/21/23	Time: 1960	Received by:	09222023 0930	Notes: TPC Laguna NM
Relinquished by:	Date:	Time:	Received by (Laboratory):		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		

Cooler ID	Cooler Temp.
	IR-31
S1647	2.9wL
	-0.1

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SVM48/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

e:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

December 18, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23120439**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 9 sample(s) on Dec 07, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23120439

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23120439-01	12603647-TB-01	Water	CG-071023-799	06-Dec-2023 00:00	07-Dec-2023 09:35	☐
HS23120439-02	6-18-20231206	Groundwater	CG-071023-799	06-Dec-2023 13:15	07-Dec-2023 09:35	☐
HS23120439-03	6-41-20231206	Groundwater	CG-071023-799	06-Dec-2023 11:35	07-Dec-2023 09:35	☐
HS23120439-04	6-20C-20231206	Groundwater	CG-071023-799	06-Dec-2023 12:35	07-Dec-2023 09:35	☐
HS23120439-05	6-12-20231206	Groundwater	CG-071023-799	06-Dec-2023 11:40	07-Dec-2023 09:35	☐
HS23120439-06	6-08-20231206	Groundwater	CG-071023-799	06-Dec-2023 11:11	07-Dec-2023 09:35	☐
HS23120439-07	6-16-20231206	Groundwater	CG-071023-799	06-Dec-2023 14:50	07-Dec-2023 09:35	☐
HS23120439-08	6-42-20231206	Groundwater	CG-071023-799	06-Dec-2023 11:20	07-Dec-2023 09:35	☐
HS23120439-09	DUP-01	Groundwater	CG-071023-799	06-Dec-2023 00:00	07-Dec-2023 09:35	☐

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ALS Houston, US Date: 18-Dec-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23120439

ECD Organics by Method SW8082

Batch ID: 204893

Sample ID: MBLK-204893

- Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GCMS Volatiles by Method SW8260

Batch ID: R453869

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB-01
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,2-Dichloroethane	**0.0032**		**0.0010**	**mg/L**	1	12-Dec-2023 01:01
1,2-Dichloropropane	**0.028**		**0.0010**	**mg/L**	1	12-Dec-2023 01:01
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 01:01
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 01:01
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 01:01
Acetone	U		0.0020	mg/L	1	12-Dec-2023 01:01
Benzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Bromoform	**0.0013**		**0.0010**	**mg/L**	1	12-Dec-2023 01:01
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 01:01
Carbon tetrachloride	**0.0076**		**0.0010**	**mg/L**	1	12-Dec-2023 01:01
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 01:01
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:01
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 01:01
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 01:01
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 01:01
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 01:01
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 01:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB-01
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 01:01
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Styrene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Toluene	U		0.0010	mg/L	1	12-Dec-2023 01:01
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:01
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:01
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 01:01
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 01:01
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 01:01
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*12-Dec-2023 01:01*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*12-Dec-2023 01:01*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*12-Dec-2023 01:01*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*12-Dec-2023 01:01*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-18-20231206
Collection Date: 06-Dec-2023 13:15

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 01:24
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 01:24
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 01:24
Acetone	U		0.0020	mg/L	1	12-Dec-2023 01:24
Benzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 01:24
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 01:24
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 01:24
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 01:24
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:24
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 01:24
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 01:24
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 01:24
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 01:24
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 01:24
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 01:24
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 01:24
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 01:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-18-20231206
Collection Date: 06-Dec-2023 13:15

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	12-Dec-2023 01:24
o-Xylene		U	0.0010	mg/L	1	12-Dec-2023 01:24
Styrene		U	0.0010	mg/L	1	12-Dec-2023 01:24
Tetrachloroethene		U	0.0010	mg/L	1	12-Dec-2023 01:24
Toluene		U	0.0010	mg/L	1	12-Dec-2023 01:24
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	12-Dec-2023 01:24
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	12-Dec-2023 01:24
Trichloroethene		U	0.0010	mg/L	1	12-Dec-2023 01:24
Trichlorofluoromethane		U	0.0010	mg/L	1	12-Dec-2023 01:24
Vinyl chloride		U	0.0010	mg/L	1	12-Dec-2023 01:24
Xylenes, Total		U	0.0030	mg/L	1	12-Dec-2023 01:24
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*12-Dec-2023 01:24*
Surr: 4-Bromofluorobenzene	*97.3*		*77-113*	*%REC*	*1*	*12-Dec-2023 01:24*
Surr: Dibromofluoromethane	*98.9*		*77-123*	*%REC*	*1*	*12-Dec-2023 01:24*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*12-Dec-2023 01:24*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016		U	0.000500	mg/L	1	15-Dec-2023 19:42
Aroclor 1221		U	0.000500	mg/L	1	15-Dec-2023 19:42
Aroclor 1232		U	0.000500	mg/L	1	15-Dec-2023 19:42
Aroclor 1242		U	0.000500	mg/L	1	15-Dec-2023 19:42
Aroclor 1248		U	0.000500	mg/L	1	15-Dec-2023 19:42
Aroclor 1254		U	0.000500	mg/L	1	15-Dec-2023 19:42
Aroclor 1260		U	0.000500	mg/L	1	15-Dec-2023 19:42
PCBs (Total)		U	0.000500	mg/L	1	15-Dec-2023 19:42
Surr: Decachlorobiphenyl	*117*		*54-140*	*%REC*	*1*	*15-Dec-2023 19:42*
Surr: Tetrachloro-m-xylene	*93.0*		*53-137*	*%REC*	*1*	*15-Dec-2023 19:42*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-41-20231206
Collection Date: 06-Dec-2023 11:35

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,1-Dichloroethane	**0.0057**		**0.0010**	**mg/L**	1	12-Dec-2023 01:47
1,1-Dichloroethene	**0.0029**		**0.0010**	**mg/L**	1	12-Dec-2023 01:47
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 01:47
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 01:47
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 01:47
Acetone	U		0.0020	mg/L	1	12-Dec-2023 01:47
Benzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 01:47
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 01:47
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 01:47
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 01:47
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 01:47
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 01:47
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 01:47
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 01:47
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 01:47
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 01:47
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 01:47
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 01:47
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 01:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-41-20231206
Collection Date: 06-Dec-2023 11:35

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	12-Dec-2023 01:47
o-Xylene		U	0.0010	mg/L	1	12-Dec-2023 01:47
Styrene		U	0.0010	mg/L	1	12-Dec-2023 01:47
Tetrachloroethene		U	0.0010	mg/L	1	12-Dec-2023 01:47
Toluene		U	0.0010	mg/L	1	12-Dec-2023 01:47
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	12-Dec-2023 01:47
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	12-Dec-2023 01:47
Trichloroethene		U	0.0010	mg/L	1	12-Dec-2023 01:47
Trichlorofluoromethane		U	0.0010	mg/L	1	12-Dec-2023 01:47
Vinyl chloride		U	0.0010	mg/L	1	12-Dec-2023 01:47
Xylenes, Total		U	0.0030	mg/L	1	12-Dec-2023 01:47
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Dec-2023 01:47*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*12-Dec-2023 01:47*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*12-Dec-2023 01:47*
Surr: Toluene-d8	*99.0*		*82-127*	*%REC*	*1*	*12-Dec-2023 01:47*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016		U	0.000500	mg/L	1	15-Dec-2023 19:54
Aroclor 1221		U	0.000500	mg/L	1	15-Dec-2023 19:54
Aroclor 1232		U	0.000500	mg/L	1	15-Dec-2023 19:54
Aroclor 1242		U	0.000500	mg/L	1	15-Dec-2023 19:54
Aroclor 1248		U	0.000500	mg/L	1	15-Dec-2023 19:54
Aroclor 1254		U	0.000500	mg/L	1	15-Dec-2023 19:54
Aroclor 1260		U	0.000500	mg/L	1	15-Dec-2023 19:54
PCBs (Total)		U	0.000500	mg/L	1	15-Dec-2023 19:54
Surr: Decachlorobiphenyl	*115*		*54-140*	*%REC*	*1*	*15-Dec-2023 19:54*
Surr: Tetrachloro-m-xylene	*101*		*53-137*	*%REC*	*1*	*15-Dec-2023 19:54*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20C-20231206
Collection Date: 06-Dec-2023 12:35

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,1,2,2-Tetrachloroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,1,2-Trichloroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,1-Dichloroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,1-Dichloroethene	U		0.025	mg/L	25	12-Dec-2023 07:54
1,2,4-Trichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
1,2-Dibromo-3-chloropropane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,2-Dibromoethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,2-Dichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
1,2-Dichloroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,2-Dichloropropane	U		0.025	mg/L	25	12-Dec-2023 07:54
1,3-Dichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
1,4-Dichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
2-Butanone	U		0.050	mg/L	25	12-Dec-2023 07:54
2-Hexanone	U		0.050	mg/L	25	12-Dec-2023 07:54
4-Methyl-2-pentanone	U		0.050	mg/L	25	12-Dec-2023 07:54
Acetone	U		0.050	mg/L	25	12-Dec-2023 07:54
Benzene	U		0.025	mg/L	25	12-Dec-2023 07:54
Bromodichloromethane	U		0.025	mg/L	25	12-Dec-2023 07:54
Bromoform	U		0.025	mg/L	25	12-Dec-2023 07:54
Bromomethane	U		0.025	mg/L	25	12-Dec-2023 07:54
Carbon disulfide	U		0.050	mg/L	25	12-Dec-2023 07:54
Carbon tetrachloride	U		0.025	mg/L	25	12-Dec-2023 07:54
Chlorobenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
Chloroethane	U		0.025	mg/L	25	12-Dec-2023 07:54
Chloroform	U		0.025	mg/L	25	12-Dec-2023 07:54
Chloromethane	U		0.025	mg/L	25	12-Dec-2023 07:54
cis-1,2-Dichloroethene	U		0.025	mg/L	25	12-Dec-2023 07:54
cis-1,3-Dichloropropene	U		0.025	mg/L	25	12-Dec-2023 07:54
Cyclohexane	U		0.025	mg/L	25	12-Dec-2023 07:54
Dibromochloromethane	U		0.025	mg/L	25	12-Dec-2023 07:54
Dichlorodifluoromethane	U		0.025	mg/L	25	12-Dec-2023 07:54
Ethylbenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
Isopropylbenzene	U		0.025	mg/L	25	12-Dec-2023 07:54
m,p-Xylene	U		0.050	mg/L	25	12-Dec-2023 07:54
Methyl acetate	U		0.025	mg/L	25	12-Dec-2023 07:54
Methyl tert-butyl ether	U		0.025	mg/L	25	12-Dec-2023 07:54
Methylcyclohexane	U		0.025	mg/L	25	12-Dec-2023 07:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20C-20231206
Collection Date: 06-Dec-2023 12:35

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.050	mg/L	25	12-Dec-2023 07:54
o-Xylene		U	0.025	mg/L	25	12-Dec-2023 07:54
Styrene		U	0.025	mg/L	25	12-Dec-2023 07:54
Tetrachloroethene		U	0.025	mg/L	25	12-Dec-2023 07:54
Toluene		U	0.025	mg/L	25	12-Dec-2023 07:54
trans-1,2-Dichloroethene		U	0.025	mg/L	25	12-Dec-2023 07:54
trans-1,3-Dichloropropene		U	0.025	mg/L	25	12-Dec-2023 07:54
Trichloroethene		U	0.025	mg/L	25	12-Dec-2023 07:54
Trichlorofluoromethane		U	0.025	mg/L	25	12-Dec-2023 07:54
Vinyl chloride		U	0.025	mg/L	25	12-Dec-2023 07:54
Xylenes, Total		U	0.075	mg/L	25	12-Dec-2023 07:54
Surr: 1,2-Dichloroethane-d4	*109*		*70-126*	*%REC*	*25*	*12-Dec-2023 07:54*
Surr: 4-Bromofluorobenzene	*99.9*		*77-113*	*%REC*	*25*	*12-Dec-2023 07:54*
Surr: Dibromofluoromethane	*107*		*77-123*	*%REC*	*25*	*12-Dec-2023 07:54*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*25*	*12-Dec-2023 07:54*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016		U	0.000500	mg/L	1	15-Dec-2023 20:07
Aroclor 1221		U	0.000500	mg/L	1	15-Dec-2023 20:07
Aroclor 1232		U	0.000500	mg/L	1	15-Dec-2023 20:07
Aroclor 1242		U	0.000500	mg/L	1	15-Dec-2023 20:07
Aroclor 1248		U	0.000500	mg/L	1	15-Dec-2023 20:07
Aroclor 1254		U	0.000500	mg/L	1	15-Dec-2023 20:07
Aroclor 1260		U	0.000500	mg/L	1	15-Dec-2023 20:07
PCBs (Total)		U	0.000500	mg/L	1	15-Dec-2023 20:07
Surr: Decachlorobiphenyl	*110*		*54-140*	*%REC*	*1*	*15-Dec-2023 20:07*
Surr: Tetrachloro-m-xylene	*93.2*		*53-137*	*%REC*	*1*	*15-Dec-2023 20:07*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-12-20231206
Collection Date: 06-Dec-2023 11:40

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,1-Dichloroethane	**0.0047**		**0.0010**	**mg/L**	1	12-Dec-2023 02:09
1,1-Dichloroethene	**0.0031**		**0.0010**	**mg/L**	1	12-Dec-2023 02:09
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 02:09
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 02:09
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 02:09
Acetone	U		0.0020	mg/L	1	12-Dec-2023 02:09
Benzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 02:09
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 02:09
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 02:09
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 02:09
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:09
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 02:09
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 02:09
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 02:09
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 02:09
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 02:09
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 02:09
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 02:09
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 02:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-12-20231206
Collection Date: 06-Dec-2023 11:40

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	12-Dec-2023 02:09
o-Xylene		U	0.0010	mg/L	1	12-Dec-2023 02:09
Styrene		U	0.0010	mg/L	1	12-Dec-2023 02:09
Tetrachloroethene		U	0.0010	mg/L	1	12-Dec-2023 02:09
Toluene		U	0.0010	mg/L	1	12-Dec-2023 02:09
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	12-Dec-2023 02:09
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	12-Dec-2023 02:09
Trichloroethene		U	0.0010	mg/L	1	12-Dec-2023 02:09
Trichlorofluoromethane		U	0.0010	mg/L	1	12-Dec-2023 02:09
Vinyl chloride		U	0.0010	mg/L	1	12-Dec-2023 02:09
Xylenes, Total		U	0.0030	mg/L	1	12-Dec-2023 02:09
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Dec-2023 02:09*
Surr: 4-Bromofluorobenzene	*97.7*		*77-113*	*%REC*	*1*	*12-Dec-2023 02:09*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Dec-2023 02:09*
Surr: Toluene-d8	*98.8*		*82-127*	*%REC*	*1*	*12-Dec-2023 02:09*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016		U	0.000500	mg/L	1	15-Dec-2023 20:19
Aroclor 1221		U	0.000500	mg/L	1	15-Dec-2023 20:19
Aroclor 1232		U	0.000500	mg/L	1	15-Dec-2023 20:19
Aroclor 1242		U	0.000500	mg/L	1	15-Dec-2023 20:19
Aroclor 1248		U	0.000500	mg/L	1	15-Dec-2023 20:19
Aroclor 1254		U	0.000500	mg/L	1	15-Dec-2023 20:19
Aroclor 1260		U	0.000500	mg/L	1	15-Dec-2023 20:19
PCBs (Total)		U	0.000500	mg/L	1	15-Dec-2023 20:19
Surr: Decachlorobiphenyl	*109*		*54-140*	*%REC*	*1*	*15-Dec-2023 20:19*
Surr: Tetrachloro-m-xylene	*89.3*		*53-137*	*%REC*	*1*	*15-Dec-2023 20:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-08-20231206
Collection Date: 06-Dec-2023 11:11

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 02:32
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 02:32
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 02:32
Acetone	U		0.0020	mg/L	1	12-Dec-2023 02:32
Benzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 02:32
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 02:32
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 02:32
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 02:32
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:32
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 02:32
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 02:32
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 02:32
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 02:32
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 02:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-08-20231206
Collection Date: 06-Dec-2023 11:11

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 02:32
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Styrene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Toluene	U		0.0010	mg/L	1	12-Dec-2023 02:32
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:32
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:32
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 02:32
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 02:32
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 02:32
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*12-Dec-2023 02:32*
Surr: 4-Bromofluorobenzene	*98.9*		*77-113*	*%REC*	*1*	*12-Dec-2023 02:32*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*12-Dec-2023 02:32*
Surr: Toluene-d8	*99.3*		*82-127*	*%REC*	*1*	*12-Dec-2023 02:32*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-16-20231206
Collection Date: 06-Dec-2023 14:50

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,1-Dichloroethane	**0.0032**		**0.0010**	**mg/L**	1	12-Dec-2023 02:55
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 02:55
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 02:55
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 02:55
Acetone	U		0.0020	mg/L	1	12-Dec-2023 02:55
Benzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 02:55
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 02:55
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 02:55
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 02:55
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:55
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 02:55
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 02:55
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 02:55
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 02:55
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 02:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-16-20231206
Collection Date: 06-Dec-2023 14:50

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 02:55
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Styrene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Toluene	U		0.0010	mg/L	1	12-Dec-2023 02:55
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:55
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 02:55
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 02:55
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 02:55
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 02:55
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Dec-2023 02:55*
Surr: 4-Bromofluorobenzene	*99.4*		*77-113*	*%REC*	*1*	*12-Dec-2023 02:55*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*12-Dec-2023 02:55*
Surr: Toluene-d8	*99.3*		*82-127*	*%REC*	*1*	*12-Dec-2023 02:55*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-42-20231206
Collection Date: 06-Dec-2023 11:20

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,1-Dichloroethane	**0.016**		**0.0010**	**mg/L**	1	12-Dec-2023 03:18
1,1-Dichloroethene	**0.0039**		**0.0010**	**mg/L**	1	12-Dec-2023 03:18
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 03:18
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 03:18
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 03:18
Acetone	U		0.0020	mg/L	1	12-Dec-2023 03:18
Benzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 03:18
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 03:18
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 03:18
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 03:18
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:18
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 03:18
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 03:18
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 03:18
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 03:18
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 03:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-42-20231206
Collection Date: 06-Dec-2023 11:20

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 03:18
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Styrene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Toluene	U		0.0010	mg/L	1	12-Dec-2023 03:18
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:18
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:18
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 03:18
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 03:18
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 03:18
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Dec-2023 03:18*
Surr: 4-Bromofluorobenzene	*96.6*		*77-113*	*%REC*	*1*	*12-Dec-2023 03:18*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Dec-2023 03:18*
Surr: Toluene-d8	*98.5*		*82-127*	*%REC*	*1*	*12-Dec-2023 03:18*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP-01
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,1-Dichloroethane	**0.0031**		**0.0010**	**mg/L**	1	12-Dec-2023 03:41
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 03:41
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 03:41
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 03:41
Acetone	U		0.0020	mg/L	1	12-Dec-2023 03:41
Benzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 03:41
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 03:41
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 03:41
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 03:41
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:41
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 03:41
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 03:41
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 03:41
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 03:41
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 03:41

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP-01
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120439
Lab ID:HS23120439-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 03:41
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Styrene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Toluene	U		0.0010	mg/L	1	12-Dec-2023 03:41
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:41
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 03:41
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 03:41
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 03:41
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 03:41
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Dec-2023 03:41*
Surr: 4-Bromofluorobenzene	*97.2*		*77-113*	*%REC*	*1*	*12-Dec-2023 03:41*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*12-Dec-2023 03:41*
Surr: Toluene-d8	*99.6*		*82-127*	*%REC*	*1*	*12-Dec-2023 03:41*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 18-Dec-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

Batch ID: 204893 **Start Date:** 15 Dec 2023 14:34 **End Date:** 15 Dec 2023 14:34
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23120439-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120439-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120439-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120439-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

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RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 204893 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Groundwater	
HS23120439-02	6-18-20231206	06 Dec 2023 13:15		15 Dec 2023 14:34	15 Dec 2023 19:42	1
HS23120439-03	6-41-20231206	06 Dec 2023 11:35		15 Dec 2023 14:34	15 Dec 2023 19:54	1
HS23120439-04	6-20C-20231206	06 Dec 2023 12:35		15 Dec 2023 14:34	15 Dec 2023 20:07	1
HS23120439-05	6-12-20231206	06 Dec 2023 11:40		15 Dec 2023 14:34	15 Dec 2023 20:19	1
Batch ID: R453869 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23120439-02	6-18-20231206	06 Dec 2023 13:15			12 Dec 2023 01:24	1
HS23120439-03	6-41-20231206	06 Dec 2023 11:35			12 Dec 2023 01:47	1
HS23120439-04	6-20C-20231206	06 Dec 2023 12:35			12 Dec 2023 07:54	25
HS23120439-05	6-12-20231206	06 Dec 2023 11:40			12 Dec 2023 02:09	1
HS23120439-06	6-08-20231206	06 Dec 2023 11:11			12 Dec 2023 02:32	1
HS23120439-07	6-16-20231206	06 Dec 2023 14:50			12 Dec 2023 02:55	1
HS23120439-08	6-42-20231206	06 Dec 2023 11:20			12 Dec 2023 03:18	1
HS23120439-09	DUP-01	06 Dec 2023 00:00			12 Dec 2023 03:41	1
Batch ID: R453869 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23120439-01	12603647-TB-01	06 Dec 2023 00:00			12 Dec 2023 01:01	1

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: 204893 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 17:48**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733578** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.2113*	*0.0500*	*0.2*	*0*	*106*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1893*	*0.0500*	*0.2*	*0*	*94.7*	*53 - 137*				

LCS Sample ID: **LCS-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:01**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733579** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5.056	0.500	5	0	101	54 - 138				
Aroclor 1260	5.948	0.500	5	0	119	57 - 136				
PCBs (Total)	11	0.500	10	0	110	57 - 136				
Surr: Decachlorobiphenyl	*0.2169*	*0.0500*	*0.2*	*0*	*108*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1967*	*0.0500*	*0.2*	*0*	*98.3*	*53 - 137*				

LCSD Sample ID: **LCSD-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:13**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733580** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.184	0.500	5	0	83.7	54 - 138	5.056	18.9	20	
Aroclor 1260	5.773	0.500	5	0	115	57 - 136	5.948	2.98	20	
PCBs (Total)	9.957	0.500	10	0	99.6	57 - 136	11	9.99		
Surr: Decachlorobiphenyl	*0.214*	*0.0500*	*0.2*	*0*	*107*	*54 - 140*	*0.2169*	*1.37*	*20*	
Surr: Tetrachloro-m-xylene	*0.1889*	*0.0500*	*0.2*	*0*	*94.5*	*53 - 137*	*0.1967*	*4.02*	*20*	

The following samples were analyzed in this batch: HS23120439-02 HS23120439-03 HS23120439-04 HS23120439-05

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231211** Units: **ug/L** Analysis Date: **12-Dec-2023 00:38**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720994** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-231211** Units: **ug/L** Analysis Date: **12-Dec-2023 00:38**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720994** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*51.41*	*1.0*	*50*	*0*	*103*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*48.87*	*1.0*	*50*	*0*	*97.7*	*77 - 113*			
Surr: Dibromofluoromethane	*50.9*	*1.0*	*50*	*0*	*102*	*73 - 126*			
Surr: Toluene-d8	*49.51*	*1.0*	*50*	*0*	*99.0*	*81 - 120*			

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:30**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720992** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.2	1.0	20	0	101	70 - 130				
1,1,2,2-Tetrachloroethane	20.04	1.0	20	0	100	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.43	1.0	20	0	97.1	70 - 130				
1,1,2-Trichloroethane	19.91	1.0	20	0	99.6	77 - 113				
1,1-Dichloroethane	19.96	1.0	20	0	99.8	71 - 122				
1,1-Dichloroethene	20.43	1.0	20	0	102	70 - 130				
1,2,4-Trichlorobenzene	20.12	1.0	20	0	101	77 - 126				
1,2-Dibromo-3-chloropropane	21.13	1.0	20	0	106	70 - 130				
1,2-Dibromoethane	20.16	1.0	20	0	101	76 - 123				
1,2-Dichlorobenzene	19.75	1.0	20	0	98.7	77 - 113				
1,2-Dichloroethane	20.02	1.0	20	0	100	70 - 124				
1,2-Dichloropropane	18.63	1.0	20	0	93.1	72 - 119				
1,3-Dichlorobenzene	19.84	1.0	20	0	99.2	78 - 118				
1,4-Dichlorobenzene	18.72	1.0	20	0	93.6	79 - 113				
2-Butanone	39.96	2.0	40	0	99.9	70 - 130				
2-Hexanone	41.01	2.0	40	0	103	70 - 130				
4-Methyl-2-pentanone	40.88	2.0	40	0	102	70 - 130				
Acetone	43.88	2.0	40	0	110	70 - 130				
Benzene	19.17	1.0	20	0	95.8	74 - 120				
Bromodichloromethane	18.64	1.0	20	0	93.2	74 - 122				
Bromoform	19.89	1.0	20	0	99.4	73 - 128				
Bromomethane	22.49	1.0	20	0	112	70 - 130				
Carbon disulfide	41.06	2.0	40	0	103	70 - 130				
Carbon tetrachloride	20.86	1.0	20	0	104	71 - 125				
Chlorobenzene	19.08	1.0	20	0	95.4	76 - 113				
Chloroethane	19.5	1.0	20	0	97.5	70 - 130				
Chloroform	19.36	1.0	20	0	96.8	71 - 121				
Chloromethane	22.86	1.0	20	0	114	70 - 129				
cis-1,2-Dichloroethene	19.74	1.0	20	0	98.7	75 - 122				
cis-1,3-Dichloropropene	19.64	1.0	20	0	98.2	73 - 127				
Cyclohexane	20.61	1.0	20	0	103	70 - 130				
Dibromochloromethane	18.61	1.0	20	0	93.1	77 - 122				
Dichlorodifluoromethane	21.86	1.0	20	0	109	70 - 130				
Ethylbenzene	19.68	1.0	20	0	98.4	77 - 117				

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:30**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720992** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	20.5	1.0	20	0	102	73 - 127				
m,p-Xylene	40.79	2.0	40	0	102	77 - 122				
Methyl acetate	19.47	1.0	20	0	97.3	76 - 122				
Methyl tert-butyl ether	20.69	1.0	20	0	103	70 - 130				
Methylcyclohexane	19.29	1.0	20	0	96.4	61 - 157				
Methylene chloride	21.47	2.0	20	0	107	70 - 127				
o-Xylene	20.11	1.0	20	0	101	75 - 119				
Styrene	20.5	1.0	20	0	103	72 - 126				
Tetrachloroethene	18.8	1.0	20	0	94.0	76 - 119				
Toluene	19.81	1.0	20	0	99.0	77 - 118				
trans-1,2-Dichloroethene	19.55	1.0	20	0	97.7	72 - 127				
trans-1,3-Dichloropropene	19.25	1.0	20	0	96.3	77 - 119				
Trichloroethene	20.35	1.0	20	0	102	77 - 121				
Trichlorofluoromethane	19.92	1.0	20	0	99.6	70 - 130				
Vinyl chloride	20.94	1.0	20	0	105	70 - 130				
Xylenes, Total	60.9	3.0	60	0	101	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.74*	*1.0*	*50*	*0*	*99.5*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.97*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*49.81*	*1.0*	*50*	*0*	*99.6*	*73 - 126*				
Surr: Toluene-d8	*51.39*	*1.0*	*50*	*0*	*103*	*81 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCSD Sample ID: **VLCSDW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:53**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720993** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.47	1.0	20	0	97.3	70 - 130	20.2	3.69	20	
1,1,2,2-Tetrachloroethane	18.46	1.0	20	0	92.3	70 - 120	20.04	8.25	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	18.1	1.0	20	0	90.5	70 - 130	19.43	7.07	20	
1,1,2-Trichloroethane	19.11	1.0	20	0	95.6	77 - 113	19.91	4.11	20	
1,1-Dichloroethane	18.21	1.0	20	0	91.1	71 - 122	19.96	9.14	20	
1,1-Dichloroethene	19.19	1.0	20	0	96.0	70 - 130	20.43	6.24	20	
1,2,4-Trichlorobenzene	18.13	1.0	20	0	90.7	77 - 126	20.12	10.4	20	
1,2-Dibromo-3-chloropropane	20.41	1.0	20	0	102	70 - 130	21.13	3.46	20	
1,2-Dibromoethane	19.13	1.0	20	0	95.6	76 - 123	20.16	5.26	20	
1,2-Dichlorobenzene	18.15	1.0	20	0	90.7	77 - 113	19.75	8.44	20	
1,2-Dichloroethane	19.27	1.0	20	0	96.4	70 - 124	20.02	3.8	20	
1,2-Dichloropropane	17.91	1.0	20	0	89.6	72 - 119	18.63	3.91	20	
1,3-Dichlorobenzene	18.24	1.0	20	0	91.2	78 - 118	19.84	8.39	20	
1,4-Dichlorobenzene	17.17	1.0	20	0	85.9	79 - 113	18.72	8.61	20	
2-Butanone	39.05	2.0	40	0	97.6	70 - 130	39.96	2.3	20	
2-Hexanone	38.64	2.0	40	0	96.6	70 - 130	41.01	5.94	20	
4-Methyl-2-pentanone	39.14	2.0	40	0	97.8	70 - 130	40.88	4.36	20	
Acetone	41.66	2.0	40	0	104	70 - 130	43.88	5.18	20	
Benzene	17.98	1.0	20	0	89.9	74 - 120	19.17	6.39	20	
Bromodichloromethane	17.89	1.0	20	0	89.4	74 - 122	18.64	4.13	20	
Bromoform	18.89	1.0	20	0	94.4	73 - 128	19.89	5.17	20	
Bromomethane	20.69	1.0	20	0	103	70 - 130	22.49	8.35	20	
Carbon disulfide	37.98	2.0	40	0	95.0	70 - 130	41.06	7.79	20	
Carbon tetrachloride	19.09	1.0	20	0	95.4	71 - 125	20.86	8.89	20	
Chlorobenzene	18.11	1.0	20	0	90.6	76 - 113	19.08	5.21	20	
Chloroethane	17.66	1.0	20	0	88.3	70 - 130	19.5	9.87	20	
Chloroform	17.92	1.0	20	0	89.6	71 - 121	19.36	7.75	20	
Chloromethane	21.28	1.0	20	0	106	70 - 129	22.86	7.13	20	
cis-1,2-Dichloroethene	18.19	1.0	20	0	90.9	75 - 122	19.74	8.2	20	
cis-1,3-Dichloropropene	18.88	1.0	20	0	94.4	73 - 127	19.64	3.96	20	
Cyclohexane	20.09	1.0	20	0	100	70 - 130	20.61	2.53	20	
Dibromochloromethane	18.23	1.0	20	0	91.1	77 - 122	18.61	2.08	20	
Dichlorodifluoromethane	19.72	1.0	20	0	98.6	70 - 130	21.86	10.3	20	
Ethylbenzene	18.95	1.0	20	0	94.8	77 - 117	19.68	3.77	20	

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCSD Sample ID: **VLCSDW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:53**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720993** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	19.15	1.0	20	0	95.8	73 - 127	20.5	6.79	20	
m,p-Xylene	37.71	2.0	40	0	94.3	77 - 122	40.79	7.85	20	
Methyl acetate	18.84	1.0	20	0	94.2	76 - 122	19.47	3.31	20	
Methyl tert-butyl ether	19.94	1.0	20	0	99.7	70 - 130	20.69	3.68	20	
Methylcyclohexane	17.38	1.0	20	0	86.9	61 - 157	19.29	10.4	20	
Methylene chloride	20.76	2.0	20	0	104	70 - 127	21.47	3.35	20	
o-Xylene	18.95	1.0	20	0	94.7	75 - 119	20.11	5.94	20	
Styrene	19.06	1.0	20	0	95.3	72 - 126	20.5	7.29	20	
Tetrachloroethene	17.21	1.0	20	0	86.0	76 - 119	18.8	8.84	20	
Toluene	18.79	1.0	20	0	93.9	77 - 118	19.81	5.28	20	
trans-1,2-Dichloroethene	18.01	1.0	20	0	90.1	72 - 127	19.55	8.18	20	
trans-1,3-Dichloropropene	18.45	1.0	20	0	92.3	77 - 119	19.25	4.24	20	
Trichloroethene	19.5	1.0	20	0	97.5	77 - 121	20.35	4.27	20	
Trichlorofluoromethane	18.56	1.0	20	0	92.8	70 - 130	19.92	7.11	20	
Vinyl chloride	19.14	1.0	20	0	95.7	70 - 130	20.94	8.99	20	
Xylenes, Total	56.66	3.0	60	0	94.4	75 - 122	60.9	7.21	20	
Surr: 1,2-Dichloroethane-d4	*49.25*	*1.0*	*50*	*0*	*98.5*	*70 - 123*	*49.74*	*0.99*	*20*	
Surr: 4-Bromofluorobenzene	*51.24*	*1.0*	*50*	*0*	*102*	*77 - 113*	*50.97*	*0.516*	*20*	
Surr: Dibromofluoromethane	*49.7*	*1.0*	*50*	*0*	*99.4*	*73 - 126*	*49.81*	*0.219*	*20*	
Surr: Toluene-d8	*50.77*	*1.0*	*50*	*0*	*102*	*81 - 120*	*51.39*	*1.22*	*20*	

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120439-02MS** Units: **ug/L** Analysis Date: **12-Dec-2023 08:41**
Client ID: **6-18-20231206** Run ID: **VOA4_453869** SeqNo: **7721015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.86	1.0	20	0	89.3	70 - 130				
1,1,2,2-Tetrachloroethane	15.88	1.0	20	0	79.4	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	16.93	1.0	20	0	84.6	70 - 130				
1,1,2-Trichloroethane	16.47	1.0	20	0	82.4	70 - 117				
1,1-Dichloroethane	17.2	1.0	20	0	86.0	70 - 127				
1,1-Dichloroethene	18.86	1.0	20	0	94.3	70 - 130				
1,2,4-Trichlorobenzene	14.29	1.0	20	0	71.5	70 - 125				
1,2-Dibromo-3-chloropropane	15.71	1.0	20	0	78.5	70 - 130				
1,2-Dibromoethane	16.31	1.0	20	0	81.5	70 - 124				
1,2-Dichlorobenzene	15.38	1.0	20	0	76.9	70 - 115				
1,2-Dichloroethane	18.22	1.0	20	0	91.1	70 - 127				
1,2-Dichloropropane	16.5	1.0	20	0	82.5	70 - 122				
1,3-Dichlorobenzene	15.49	1.0	20	0	77.4	70 - 119				
1,4-Dichlorobenzene	14.93	1.0	20	0	74.6	70 - 114				
2-Butanone	34.56	2.0	40	0	86.4	70 - 130				
2-Hexanone	33.65	2.0	40	0	84.1	70 - 130				
4-Methyl-2-pentanone	33.43	2.0	40	0	83.6	70 - 130				
Acetone	42.82	2.0	40	0	107	70 - 130				
Benzene	17.2	1.0	20	0	86.0	70 - 127				
Bromodichloromethane	16.34	1.0	20	0	81.7	70 - 124				
Bromoform	15.85	1.0	20	0	79.3	70 - 129				
Bromomethane	19.01	1.0	20	0	95.1	70 - 130				
Carbon disulfide	36.17	2.0	40	0	90.4	70 - 130				
Carbon tetrachloride	17.94	1.0	20	0	89.7	70 - 130				
Chlorobenzene	16.09	1.0	20	0	80.4	70 - 114				
Chloroethane	18.16	1.0	20	0	90.8	70 - 130				
Chloroform	16.6	1.0	20	0	83.0	70 - 125				
Chloromethane	20.34	1.0	20	0	102	70 - 130				
cis-1,2-Dichloroethene	16.6	1.0	20	0	83.0	70 - 128				
cis-1,3-Dichloropropene	16.27	1.0	20	0	81.4	70 - 125				
Cyclohexane	18.66	1.0	20	0	93.3	70 - 130				
Dibromochloromethane	15.73	1.0	20	0	78.7	70 - 124				
Dichlorodifluoromethane	19.31	1.0	20	0	96.5	70 - 130				
Ethylbenzene	16.27	1.0	20	0	81.4	70 - 124				

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120439-02MS** Units: **ug/L** Analysis Date: **12-Dec-2023 08:41**
Client ID: **6-18-20231206** Run ID: **VOA4_453869** SeqNo: **7721015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	16.52	1.0	20	0	82.6	70 - 130				
m,p-Xylene	33.24	2.0	40	0	83.1	70 - 130				
Methyl acetate	16.44	1.0	20	0	82.2	76 - 122				
Methyl tert-butyl ether	17.56	1.0	20	0	87.8	70 - 130				
Methylcyclohexane	16.6	1.0	20	0	83.0	61 - 158				
Methylene chloride	18.68	2.0	20	0	93.4	70 - 128				
o-Xylene	16.11	1.0	20	0	80.5	70 - 124				
Styrene	16.7	1.0	20	0	83.5	70 - 130				
Tetrachloroethene	15.74	1.0	20	0	78.7	70 - 130				
Toluene	16.71	1.0	20	0	83.5	70 - 123				
trans-1,2-Dichloroethene	16.97	1.0	20	0	84.9	70 - 130				
trans-1,3-Dichloropropene	15.64	1.0	20	0	78.2	70 - 121				
Trichloroethene	18.22	1.0	20	0	91.1	70 - 129				
Trichlorofluoromethane	18.87	1.0	20	0	94.4	70 - 130				
Vinyl chloride	19.09	1.0	20	0	95.5	70 - 130				
Xylenes, Total	49.34	3.0	60	0	82.2	70 - 130				
Surr: 1,2-Dichloroethane-d4	*51.29*	*1.0*	*50*	*0*	*103*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*51.33*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*51.15*	*1.0*	*50*	*0*	*102*	*77 - 123*				
Surr: Toluene-d8	*50.62*	*1.0*	*50*	*0*	*101*	*82 - 127*				

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120439-02MSD** Units: **ug/L** Analysis Date: **12-Dec-2023 09:04**
Client ID: **6-18-20231206** Run ID: **VOA4_453869** SeqNo: **7721016** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.91	1.0	20	0	89.5	70 - 130	17.86	0.237	20	
1,1,2,2-Tetrachloroethane	15.46	1.0	20	0	77.3	70 - 123	15.88	2.68	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	16.9	1.0	20	0	84.5	70 - 130	16.93	0.16	20	
1,1,2-Trichloroethane	16.57	1.0	20	0	82.9	70 - 117	16.47	0.602	20	
1,1-Dichloroethane	17.28	1.0	20	0	86.4	70 - 127	17.2	0.456	20	
1,1-Dichloroethene	17.93	1.0	20	0	89.6	70 - 130	18.86	5.08	20	
1,2,4-Trichlorobenzene	15.14	1.0	20	0	75.7	70 - 125	14.29	5.79	20	
1,2-Dibromo-3-chloropropane	16.79	1.0	20	0	84.0	70 - 130	15.71	6.66	20	
1,2-Dibromoethane	17.04	1.0	20	0	85.2	70 - 124	16.31	4.42	20	
1,2-Dichlorobenzene	15.49	1.0	20	0	77.5	70 - 115	15.38	0.701	20	
1,2-Dichloroethane	17.97	1.0	20	0	89.9	70 - 127	18.22	1.39	20	
1,2-Dichloropropane	16.16	1.0	20	0	80.8	70 - 122	16.5	2.13	20	
1,3-Dichlorobenzene	15.6	1.0	20	0	78.0	70 - 119	15.49	0.693	20	
1,4-Dichlorobenzene	15.13	1.0	20	0	75.6	70 - 114	14.93	1.34	20	
2-Butanone	35.19	2.0	40	0	88.0	70 - 130	34.56	1.81	20	
2-Hexanone	33.39	2.0	40	0	83.5	70 - 130	33.65	0.762	20	
4-Methyl-2-pentanone	34.53	2.0	40	0	86.3	70 - 130	33.43	3.23	20	
Acetone	42.84	2.0	40	0	107	70 - 130	42.82	0.0412	20	
Benzene	16.59	1.0	20	0	82.9	70 - 127	17.2	3.61	20	
Bromodichloromethane	16.81	1.0	20	0	84.0	70 - 124	16.34	2.82	20	
Bromoform	15.88	1.0	20	0	79.4	70 - 129	15.85	0.16	20	
Bromomethane	19.3	1.0	20	0	96.5	70 - 130	19.01	1.51	20	
Carbon disulfide	36.13	2.0	40	0	90.3	70 - 130	36.17	0.0996	20	
Carbon tetrachloride	17.76	1.0	20	0	88.8	70 - 130	17.94	1.02	20	
Chlorobenzene	15.88	1.0	20	0	79.4	70 - 114	16.09	1.34	20	
Chloroethane	18.74	1.0	20	0	93.7	70 - 130	18.16	3.11	20	
Chloroform	17.25	1.0	20	0	86.3	70 - 125	16.6	3.89	20	
Chloromethane	19.77	1.0	20	0	98.8	70 - 130	20.34	2.88	20	
cis-1,2-Dichloroethene	16.69	1.0	20	0	83.5	70 - 128	16.6	0.52	20	
cis-1,3-Dichloropropene	16.31	1.0	20	0	81.6	70 - 125	16.27	0.273	20	
Cyclohexane	18.48	1.0	20	0	92.4	70 - 130	18.66	0.979	20	
Dibromochloromethane	16.33	1.0	20	0	81.7	70 - 124	15.73	3.72	20	
Dichlorodifluoromethane	20	1.0	20	0	100	70 - 130	19.31	3.52	20	
Ethylbenzene	16.33	1.0	20	0	81.7	70 - 124	16.27	0.341	20	

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120439

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120439-02MSD** Units: **ug/L** Analysis Date: **12-Dec-2023 09:04**
Client ID: **6-18-20231206** Run ID: **VOA4_453869** SeqNo: **7721016** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	16.72	1.0	20	0	83.6	70 - 130	16.52	1.22	20	
m,p-Xylene	33.8	2.0	40	0	84.5	70 - 130	33.24	1.67	20	
Methyl acetate	16.94	1.0	20	0	84.7	76 - 122	16.44	2.96	20	
Methyl tert-butyl ether	17.91	1.0	20	0	89.6	70 - 130	17.56	1.98	20	
Methylcyclohexane	16.15	1.0	20	0	80.7	61 - 158	16.6	2.79	20	
Methylene chloride	19.01	2.0	20	0	95.0	70 - 128	18.68	1.71	20	
o-Xylene	16.76	1.0	20	0	83.8	70 - 124	16.11	3.95	20	
Styrene	16.99	1.0	20	0	85.0	70 - 130	16.7	1.75	20	
Tetrachloroethene	15.44	1.0	20	0	77.2	70 - 130	15.74	1.88	20	
Toluene	16.65	1.0	20	0	83.2	70 - 123	16.71	0.375	20	
trans-1,2-Dichloroethene	16.29	1.0	20	0	81.5	70 - 130	16.97	4.09	20	
trans-1,3-Dichloropropene	15.73	1.0	20	0	78.6	70 - 121	15.64	0.57	20	
Trichloroethene	17.83	1.0	20	0	89.2	70 - 129	18.22	2.14	20	
Trichlorofluoromethane	18.77	1.0	20	0	93.8	70 - 130	18.87	0.56	20	
Vinyl chloride	19.25	1.0	20	0	96.3	70 - 130	19.09	0.831	20	
Xylenes, Total	50.55	3.0	60	0	84.3	70 - 130	49.34	2.42	20	
Surr: 1,2-Dichloroethane-d4	*52.31*	*1.0*	*50*	*0*	*105*	*70 - 126*	*51.29*	*1.96*	*20*	
Surr: 4-Bromofluorobenzene	*51.04*	*1.0*	*50*	*0*	*102*	*77 - 113*	*51.33*	*0.56*	*20*	
Surr: Dibromofluoromethane	*50.9*	*1.0*	*50*	*0*	*102*	*77 - 123*	*51.15*	*0.493*	*20*	
Surr: Toluene-d8	*51.12*	*1.0*	*50*	*0*	*102*	*82 - 127*	*50.62*	*0.98*	*20*	

The following samples were analyzed in this batch: HS23120439-01 HS23120439-02 HS23120439-03 HS23120439-04 HS23120439-05 HS23120439-06 HS23120439-07 HS23120439-08 HS23120439-09

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ALS Houston, US Date: 18-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23120439**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 18-Dec-23

Sample Receipt Checklist

Work Order ID: HS23120439 **Date/Time Received:** 07-Dec-2023 09:35

Client Name: GHDHouston **Received by:** Nelson D. Dusara

Completed By:	/S/ Malcolm Burleson	07-Dec-2023 18:49	**Reviewed by:**	/S/ James Guin	08-Dec-2023 10:07
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:298566
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.3IUC1.2C	IR31	
Cooler(s)/Kit(s):	51661		
Date/Time sample(s) sent to storage:	12072023		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 1

COC ID: 298566

GHD
12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com		

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01	12/6/23	—	Water	1,8	2					X						
2	Trip blank	12/6/23	—		8												
3	G-18-20231206	12/6/23	1315	GW	8	5	X	X									
4	G-41-20231206	12/6/23	1135	GW	8	5	X	X									
5	G-20C-20231206	12/6/23	1235	GW	8	5	X	X									
6	G-12-20231206	12/6/23	1140	GW	8	5	X	X									
7	G-08-20231206	12/6/23	1115	GW	8	3	X										
8	G-16-20231206	12/6/23	1450	GW	8	3	X										
9	G-42-20231206	12/6/23	1120	GW	8	3	X										
10	DUP-1	12/6/23	—		8	3	X										

Sampler(s) Please Print & Sign: Elizabeth Fain

Shipment Method: Sample coolers fed Ex

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by: Elizabeth Fain	Date: 12/6/23	Time: 1700	Received by:	Notes: TPC Laguna NM	
Relinquished by:	Date: 12/07/23	Time: 9:35	Received by (Laboratory): Nelson	Cooler ID: 5166	Cooler Temp: 1.8
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		

QC Package: (Check One Box Below)
- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

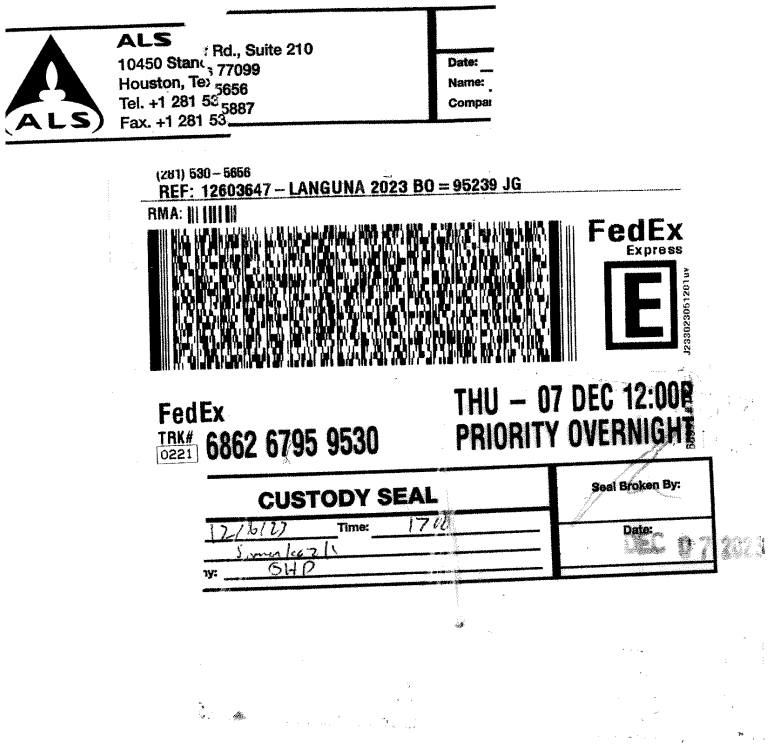
Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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IR-23

CF-0.1

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10450 Stancliff Rd. Suite 210
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T: +1 281 530 5656
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December 20, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23120442**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 13 sample(s) on Dec 07, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
James Guin

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23120442

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23120442-01	6-10-20231206	Groundwater		06-Dec-2023 13:05	07-Dec-2023 09:35	☐
HS23120442-02	6-15-20231206	Groundwater		06-Dec-2023 13:20	07-Dec-2023 09:35	☐
HS23120442-03	6-09-20231206	Groundwater		06-Dec-2023 12:45	07-Dec-2023 09:35	☐
HS23120442-04	6-47-20231206	Groundwater		06-Dec-2023 14:15	07-Dec-2023 09:35	☐
HS23120442-05	6-48B-20231206	Groundwater		06-Dec-2023 14:27	07-Dec-2023 09:35	☐
HS23120442-06	6-49B-20231206	Groundwater		06-Dec-2023 14:35	07-Dec-2023 09:35	☐
HS23120442-07	DUP-2	Groundwater		06-Dec-2023 00:00	07-Dec-2023 09:35	☐
HS23120442-08	6-46-20231206	Groundwater		06-Dec-2023 14:20	07-Dec-2023 09:35	☐
HS23120442-09	6-45-20231206	Groundwater		06-Dec-2023 14:25	07-Dec-2023 09:35	☐
HS23120442-10	6-28-20231206	Groundwater		06-Dec-2023 14:45	07-Dec-2023 09:35	☐
HS23120442-11	6-33-20231206	Groundwater		06-Dec-2023 14:40	07-Dec-2023 09:35	☐
HS23120442-12	6-48-20231206	Groundwater		06-Dec-2023 14:30	07-Dec-2023 09:35	☐
HS23120442-13	Trip Blank	Water	CG-071023-746	06-Dec-2023 00:00	07-Dec-2023 09:35	☑

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ALS Houston, US Date: 20-Dec-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23120442

Work Order Comments

• Login Comments: Trip Blank logged in on hold.

ECD Organics by Method SW8082

Batch ID: 204893

Sample ID: 6-09-20231206 (HS23120442-03)

• Surrogate recoveries were outside of the control limits due to matrix interference.

Sample ID: MBLK-204893

• Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GCMS Volatiles by Method SW8260

Batch ID: R454680

Sample ID: HS23121011-01MS

• MS and MSD are for an unrelated sample

Batch ID: R453869,R454008

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-10-20231206
Collection Date: 06-Dec-2023 13:05

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 04:03
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 04:03
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 04:03
Acetone	U		0.0020	mg/L	1	12-Dec-2023 04:03
Benzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 04:03
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 04:03
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 04:03
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 04:03
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:03
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 04:03
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 04:03
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 04:03
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 04:03
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 04:03
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 04:03
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 04:03
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 04:03

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-10-20231206
Collection Date: 06-Dec-2023 13:05

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride		U	0.0020	mg/L	1	12-Dec-2023 04:03
o-Xylene		U	0.0010	mg/L	1	12-Dec-2023 04:03
Styrene		U	0.0010	mg/L	1	12-Dec-2023 04:03
Tetrachloroethene		U	0.0010	mg/L	1	12-Dec-2023 04:03
Toluene		U	0.0010	mg/L	1	12-Dec-2023 04:03
trans-1,2-Dichloroethene		U	0.0010	mg/L	1	12-Dec-2023 04:03
trans-1,3-Dichloropropene		U	0.0010	mg/L	1	12-Dec-2023 04:03
Trichloroethene		U	0.0010	mg/L	1	12-Dec-2023 04:03
Trichlorofluoromethane		U	0.0010	mg/L	1	12-Dec-2023 04:03
Vinyl chloride		U	0.0010	mg/L	1	12-Dec-2023 04:03
Xylenes, Total		U	0.0030	mg/L	1	12-Dec-2023 04:03
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*12-Dec-2023 04:03*
Surr: 4-Bromofluorobenzene	*95.7*		*77-113*	*%REC*	*1*	*12-Dec-2023 04:03*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*12-Dec-2023 04:03*
Surr: Toluene-d8	*98.4*		*82-127*	*%REC*	*1*	*12-Dec-2023 04:03*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016		U	0.000500	mg/L	1	15-Dec-2023 20:32
Aroclor 1221		U	0.000500	mg/L	1	15-Dec-2023 20:32
Aroclor 1232		U	0.000500	mg/L	1	15-Dec-2023 20:32
Aroclor 1242		U	0.000500	mg/L	1	15-Dec-2023 20:32
Aroclor 1248		U	0.000500	mg/L	1	15-Dec-2023 20:32
Aroclor 1254		U	0.000500	mg/L	1	15-Dec-2023 20:32
Aroclor 1260		U	0.000500	mg/L	1	15-Dec-2023 20:32
PCBs (Total)		U	0.000500	mg/L	1	15-Dec-2023 20:32
Surr: Decachlorobiphenyl	*111*		*54-140*	*%REC*	*1*	*15-Dec-2023 20:32*
Surr: Tetrachloro-m-xylene	*89.8*		*53-137*	*%REC*	*1*	*15-Dec-2023 20:32*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-15-20231206
Collection Date: 06-Dec-2023 13:20

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 04:26
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 04:26
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 04:26
Acetone	U		0.0020	mg/L	1	12-Dec-2023 04:26
Benzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 04:26
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 04:26
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 04:26
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 04:26
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:26
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 04:26
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 04:26
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 04:26
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 04:26
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 04:26

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-15-20231206
Collection Date: 06-Dec-2023 13:20

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 04:26
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Styrene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Toluene	U		0.0010	mg/L	1	12-Dec-2023 04:26
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:26
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:26
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 04:26
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 04:26
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 04:26
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Dec-2023 04:26*
Surr: 4-Bromofluorobenzene	*98.3*		*77-113*	*%REC*	*1*	*12-Dec-2023 04:26*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*12-Dec-2023 04:26*
Surr: Toluene-d8	*98.0*		*82-127*	*%REC*	*1*	*12-Dec-2023 04:26*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 20:45
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 20:45
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 20:45
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 20:45
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 20:45
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 20:45
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 20:45
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 20:45
Surr: Decachlorobiphenyl	*111*		*54-140*	*%REC*	*1*	*15-Dec-2023 20:45*
Surr: Tetrachloro-m-xylene	*85.6*		*53-137*	*%REC*	*1*	*15-Dec-2023 20:45*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-09-20231206
Collection Date: 06-Dec-2023 12:45

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,1,2,2-Tetrachloroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,1,2-Trichloroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,1-Dichloroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,1-Dichloroethene	U		0.025	mg/L	25	12-Dec-2023 08:19
1,2,4-Trichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
1,2-Dibromo-3-chloropropane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,2-Dibromoethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,2-Dichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
1,2-Dichloroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,2-Dichloropropane	U		0.025	mg/L	25	12-Dec-2023 08:19
1,3-Dichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
1,4-Dichlorobenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
2-Butanone	U		0.050	mg/L	25	12-Dec-2023 08:19
2-Hexanone	U		0.050	mg/L	25	12-Dec-2023 08:19
4-Methyl-2-pentanone	U		0.050	mg/L	25	12-Dec-2023 08:19
Acetone	U		0.050	mg/L	25	12-Dec-2023 08:19
Benzene	U		0.025	mg/L	25	12-Dec-2023 08:19
Bromodichloromethane	U		0.025	mg/L	25	12-Dec-2023 08:19
Bromoform	U		0.025	mg/L	25	12-Dec-2023 08:19
Bromomethane	U		0.025	mg/L	25	12-Dec-2023 08:19
Carbon disulfide	U		0.050	mg/L	25	12-Dec-2023 08:19
Carbon tetrachloride	U		0.025	mg/L	25	12-Dec-2023 08:19
Chlorobenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
Chloroethane	U		0.025	mg/L	25	12-Dec-2023 08:19
Chloroform	U		0.025	mg/L	25	12-Dec-2023 08:19
Chloromethane	U		0.025	mg/L	25	12-Dec-2023 08:19
cis-1,2-Dichloroethene	U		0.025	mg/L	25	12-Dec-2023 08:19
cis-1,3-Dichloropropene	U		0.025	mg/L	25	12-Dec-2023 08:19
Cyclohexane	U		0.025	mg/L	25	12-Dec-2023 08:19
Dibromochloromethane	U		0.025	mg/L	25	12-Dec-2023 08:19
Dichlorodifluoromethane	U		0.025	mg/L	25	12-Dec-2023 08:19
Ethylbenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
Isopropylbenzene	U		0.025	mg/L	25	12-Dec-2023 08:19
m,p-Xylene	U		0.050	mg/L	25	12-Dec-2023 08:19
Methyl acetate	U		0.025	mg/L	25	12-Dec-2023 08:19
Methyl tert-butyl ether	U		0.025	mg/L	25	12-Dec-2023 08:19
Methylcyclohexane	U		0.025	mg/L	25	12-Dec-2023 08:19

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-09-20231206
Collection Date: 06-Dec-2023 12:45

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.050	mg/L	25	12-Dec-2023 08:19
o-Xylene	U		0.025	mg/L	25	12-Dec-2023 08:19
Styrene	U		0.025	mg/L	25	12-Dec-2023 08:19
Tetrachloroethene	U		0.025	mg/L	25	12-Dec-2023 08:19
Toluene	U		0.025	mg/L	25	12-Dec-2023 08:19
trans-1,2-Dichloroethene	U		0.025	mg/L	25	12-Dec-2023 08:19
trans-1,3-Dichloropropene	U		0.025	mg/L	25	12-Dec-2023 08:19
Trichloroethene	U		0.025	mg/L	25	12-Dec-2023 08:19
Trichlorofluoromethane	U		0.025	mg/L	25	12-Dec-2023 08:19
Vinyl chloride	U		0.025	mg/L	25	12-Dec-2023 08:19
Xylenes, Total	U		0.075	mg/L	25	12-Dec-2023 08:19
Surr: 1,2-Dichloroethane-d4	*110*		*70-126*	*%REC*	*25*	*12-Dec-2023 08:19*
Surr: 4-Bromofluorobenzene	*99.8*		*77-113*	*%REC*	*25*	*12-Dec-2023 08:19*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*25*	*12-Dec-2023 08:19*
Surr: Toluene-d8	*98.7*		*82-127*	*%REC*	*25*	*12-Dec-2023 08:19*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.00114	mg/L	1	15-Dec-2023 21:22
Aroclor 1221	U		0.00114	mg/L	1	15-Dec-2023 21:22
Aroclor 1232	U		0.00114	mg/L	1	15-Dec-2023 21:22
Aroclor 1242	U		0.00114	mg/L	1	15-Dec-2023 21:22
Aroclor 1248	U		0.00114	mg/L	1	15-Dec-2023 21:22
Aroclor 1254	U		0.00114	mg/L	1	15-Dec-2023 21:22
Aroclor 1260	U		0.00114	mg/L	1	15-Dec-2023 21:22
PCBs (Total)	U		0.00114	mg/L	1	15-Dec-2023 21:22
Surr: Decachlorobiphenyl	*253*	*S*	*54-140*	*%REC*	*1*	*15-Dec-2023 21:22*
Surr: Tetrachloro-m-xylene	*530*	*S*	*53-137*	*%REC*	*1*	*15-Dec-2023 21:22*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-47-20231206
Collection Date: 06-Dec-2023 14:15

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,1-Dichloroethane	**0.11**		**0.0010**	**mg/L**	1	12-Dec-2023 04:49
1,1-Dichloroethene	**0.014**		**0.0010**	**mg/L**	1	12-Dec-2023 04:49
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 04:49
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 04:49
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 04:49
Acetone	U		0.0020	mg/L	1	12-Dec-2023 04:49
Benzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 04:49
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 04:49
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 04:49
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 04:49
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:49
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 04:49
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 04:49
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 04:49
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 04:49
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 04:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-47-20231206
Collection Date: 06-Dec-2023 14:15

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 04:49
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Styrene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Toluene	U		0.0010	mg/L	1	12-Dec-2023 04:49
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:49
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 04:49
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 04:49
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 04:49
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 04:49
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Dec-2023 04:49*
Surr: 4-Bromofluorobenzene	*99.4*		*77-113*	*%REC*	*1*	*12-Dec-2023 04:49*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*12-Dec-2023 04:49*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*12-Dec-2023 04:49*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48B-20231206
Collection Date: 06-Dec-2023 14:27

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,1-Dichloroethane	**0.0026**		**0.0010**	**mg/L**	1	12-Dec-2023 05:12
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 05:12
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 05:12
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 05:12
Acetone	U		0.0020	mg/L	1	12-Dec-2023 05:12
Benzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 05:12
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 05:12
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 05:12
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 05:12
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:12
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 05:12
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 05:12
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 05:12
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 05:12
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 05:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48B-20231206
Collection Date: 06-Dec-2023 14:27

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 05:12
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Styrene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Toluene	U		0.0010	mg/L	1	12-Dec-2023 05:12
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:12
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:12
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 05:12
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 05:12
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 05:12
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*12-Dec-2023 05:12*
Surr: 4-Bromofluorobenzene	*99.2*		*77-113*	*%REC*	*1*	*12-Dec-2023 05:12*
Surr: Dibromofluoromethane	*99.0*		*77-123*	*%REC*	*1*	*12-Dec-2023 05:12*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*12-Dec-2023 05:12*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-49B-20231206
Collection Date: 06-Dec-2023 14:35

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,1-Dichloroethane	**0.011**		**0.0010**	**mg/L**	1	12-Dec-2023 05:35
1,1-Dichloroethene	**0.017**		**0.0010**	**mg/L**	1	12-Dec-2023 05:35
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 05:35
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 05:35
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 05:35
Acetone	U		0.0020	mg/L	1	12-Dec-2023 05:35
Benzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 05:35
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 05:35
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 05:35
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 05:35
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:35
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 05:35
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 05:35
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 05:35
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 05:35
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 05:35

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-49B-20231206
Collection Date: 06-Dec-2023 14:35

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 05:35
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Styrene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Tetrachloroethene	**0.0014**		**0.0010**	**mg/L**	1	12-Dec-2023 05:35
Toluene	U		0.0010	mg/L	1	12-Dec-2023 05:35
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:35
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:35
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 05:35
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 05:35
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 05:35
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Dec-2023 05:35*
Surr: 4-Bromofluorobenzene	*99.2*		*77-113*	*%REC*	*1*	*12-Dec-2023 05:35*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Dec-2023 05:35*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*12-Dec-2023 05:35*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP-2
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,1-Dichloroethane	**0.0010**		**0.0010**	**mg/L**	1	12-Dec-2023 05:57
1,1-Dichloroethene	**0.0026**		**0.0010**	**mg/L**	1	12-Dec-2023 05:57
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 05:57
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 05:57
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 05:57
Acetone	U		0.0020	mg/L	1	12-Dec-2023 05:57
Benzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Bromodichloromethane	**0.0024**		**0.0010**	**mg/L**	1	12-Dec-2023 05:57
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 05:57
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 05:57
Carbon tetrachloride	**0.037**		**0.0010**	**mg/L**	1	12-Dec-2023 05:57
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
Chloroform	**0.22**		**0.0050**	**mg/L**	5	13-Dec-2023 06:44
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:57
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 05:57
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 05:57
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 05:57
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 05:57
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 05:57
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 05:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: DUP-2
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 05:57
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Styrene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Tetrachloroethene	**0.0072**		**0.0010**	**mg/L**	1	12-Dec-2023 05:57
Toluene	U		0.0010	mg/L	1	12-Dec-2023 05:57
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:57
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 05:57
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 05:57
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 05:57
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 05:57
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Dec-2023 05:57*
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*5*	*13-Dec-2023 06:44*
Surr: 4-Bromofluorobenzene	*96.4*		*77-113*	*%REC*	*1*	*12-Dec-2023 05:57*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*5*	*13-Dec-2023 06:44*
Surr: Dibromofluoromethane	*107*		*77-123*	*%REC*	*1*	*12-Dec-2023 05:57*
Surr: Dibromofluoromethane	*107*		*77-123*	*%REC*	*5*	*13-Dec-2023 06:44*
Surr: Toluene-d8	*99.0*		*82-127*	*%REC*	*1*	*12-Dec-2023 05:57*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*5*	*13-Dec-2023 06:44*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-46-20231206
Collection Date: 06-Dec-2023 14:20

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,1-Dichloroethane	**0.054**		**0.0010**	**mg/L**	1	12-Dec-2023 06:20
1,1-Dichloroethene	**0.010**		**0.0010**	**mg/L**	1	12-Dec-2023 06:20
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 06:20
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 06:20
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 06:20
Acetone	U		0.0020	mg/L	1	12-Dec-2023 06:20
Benzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 06:20
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 06:20
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 06:20
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 06:20
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:20
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 06:20
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 06:20
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 06:20
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 06:20
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 06:20

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-46-20231206
Collection Date: 06-Dec-2023 14:20

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 06:20
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Styrene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Toluene	U		0.0010	mg/L	1	12-Dec-2023 06:20
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:20
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:20
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 06:20
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 06:20
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 06:20
Surr: 1,2-Dichloroethane-d4	*108*		*70-126*	*%REC*	*1*	*12-Dec-2023 06:20*
Surr: 4-Bromofluorobenzene	*96.7*		*77-113*	*%REC*	*1*	*12-Dec-2023 06:20*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Dec-2023 06:20*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*1*	*12-Dec-2023 06:20*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-45-20231206
Collection Date: 06-Dec-2023 14:25

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,1-Dichloroethane	**0.0073**		**0.0010**	**mg/L**	1	12-Dec-2023 06:43
1,1-Dichloroethene	**0.030**		**0.0010**	**mg/L**	1	12-Dec-2023 06:43
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 06:43
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 06:43
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 06:43
Acetone	U		0.0020	mg/L	1	12-Dec-2023 06:43
Benzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 06:43
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 06:43
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 06:43
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 06:43
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:43
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 06:43
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 06:43
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 06:43
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 06:43
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 06:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-45-20231206
Collection Date: 06-Dec-2023 14:25

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 06:43
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Styrene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Toluene	U		0.0010	mg/L	1	12-Dec-2023 06:43
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:43
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 06:43
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 06:43
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 06:43
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 06:43
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Dec-2023 06:43*
Surr: 4-Bromofluorobenzene	*96.1*		*77-113*	*%REC*	*1*	*12-Dec-2023 06:43*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*12-Dec-2023 06:43*
Surr: Toluene-d8	*99.1*		*82-127*	*%REC*	*1*	*12-Dec-2023 06:43*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-28-20231206
Collection Date: 06-Dec-2023 14:45

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 07:06
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 07:06
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 07:06
Acetone	U		0.0020	mg/L	1	12-Dec-2023 07:06
Benzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 07:06
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 07:06
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 07:06
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 07:06
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:06
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 07:06
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 07:06
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 07:06
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 07:06
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 07:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-28-20231206
Collection Date: 06-Dec-2023 14:45

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 07:06
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Styrene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Toluene	U		0.0010	mg/L	1	12-Dec-2023 07:06
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:06
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:06
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 07:06
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 07:06
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 07:06
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Dec-2023 07:06*
Surr: 4-Bromofluorobenzene	*98.3*		*77-113*	*%REC*	*1*	*12-Dec-2023 07:06*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*12-Dec-2023 07:06*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*12-Dec-2023 07:06*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-33-20231206
Collection Date: 06-Dec-2023 14:40

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-11
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,1,2-Trichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,1-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,1-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,2-Dibromoethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,2-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,2-Dichloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,2-Dichloropropane	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,3-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
1,4-Dichlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
2-Butanone	U		0.0020	mg/L	1	12-Dec-2023 07:28
2-Hexanone	U		0.0020	mg/L	1	12-Dec-2023 07:28
4-Methyl-2-pentanone	U		0.0020	mg/L	1	12-Dec-2023 07:28
Acetone	U		0.0020	mg/L	1	12-Dec-2023 07:28
Benzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Bromodichloromethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Bromoform	U		0.0010	mg/L	1	12-Dec-2023 07:28
Bromomethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Carbon disulfide	U		0.0020	mg/L	1	12-Dec-2023 07:28
Carbon tetrachloride	U		0.0010	mg/L	1	12-Dec-2023 07:28
Chlorobenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Chloroethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Chloroform	U		0.0010	mg/L	1	12-Dec-2023 07:28
Chloromethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:28
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Cyclohexane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Dibromochloromethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Dichlorodifluoromethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Ethylbenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Isopropylbenzene	U		0.0010	mg/L	1	12-Dec-2023 07:28
m,p-Xylene	U		0.0020	mg/L	1	12-Dec-2023 07:28
Methyl acetate	U		0.0010	mg/L	1	12-Dec-2023 07:28
Methyl tert-butyl ether	U		0.0010	mg/L	1	12-Dec-2023 07:28
Methylcyclohexane	U		0.0010	mg/L	1	12-Dec-2023 07:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-33-20231206
Collection Date: 06-Dec-2023 14:40

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-11
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	12-Dec-2023 07:28
o-Xylene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Styrene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Tetrachloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Toluene	U		0.0010	mg/L	1	12-Dec-2023 07:28
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:28
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Trichloroethene	U		0.0010	mg/L	1	12-Dec-2023 07:28
Trichlorofluoromethane	U		0.0010	mg/L	1	12-Dec-2023 07:28
Vinyl chloride	U		0.0010	mg/L	1	12-Dec-2023 07:28
Xylenes, Total	U		0.0030	mg/L	1	12-Dec-2023 07:28
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Dec-2023 07:28*
Surr: 4-Bromofluorobenzene	*97.9*		*77-113*	*%REC*	*1*	*12-Dec-2023 07:28*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*12-Dec-2023 07:28*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*12-Dec-2023 07:28*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48-20231206
Collection Date: 06-Dec-2023 14:30

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,1-Dichloroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,1-Dichloroethene	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
2-Butanone	U		0.0020	mg/L	1	19-Dec-2023 23:42
2-Hexanone	U		0.0020	mg/L	1	19-Dec-2023 23:42
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Dec-2023 23:42
Acetone	U		0.0020	mg/L	1	19-Dec-2023 23:42
Benzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Bromodichloromethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Bromoform	U		0.0010	mg/L	1	19-Dec-2023 23:42
Bromomethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Carbon disulfide	U		0.0020	mg/L	1	19-Dec-2023 23:42
Carbon tetrachloride	U		0.0010	mg/L	1	19-Dec-2023 23:42
Chlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Chloroethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Chloroform	U		0.0010	mg/L	1	19-Dec-2023 23:42
Chloromethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Dec-2023 23:42
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Cyclohexane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Dibromochloromethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Ethylbenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Isopropylbenzene	U		0.0010	mg/L	1	19-Dec-2023 23:42
m,p-Xylene	U		0.0020	mg/L	1	19-Dec-2023 23:42
Methyl acetate	U		0.0010	mg/L	1	19-Dec-2023 23:42
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Dec-2023 23:42
Methylcyclohexane	U		0.0010	mg/L	1	19-Dec-2023 23:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-48-20231206
Collection Date: 06-Dec-2023 14:30

ANALYTICAL REPORT
WorkOrder:HS23120442
Lab ID:HS23120442-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Methylene chloride	U		0.0020	mg/L	1	19-Dec-2023 23:42
o-Xylene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Styrene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Tetrachloroethene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Toluene	U		0.0010	mg/L	1	19-Dec-2023 23:42
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Dec-2023 23:42
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Trichloroethene	U		0.0010	mg/L	1	19-Dec-2023 23:42
Trichlorofluoromethane	U		0.0010	mg/L	1	19-Dec-2023 23:42
Vinyl chloride	U		0.0010	mg/L	1	19-Dec-2023 23:42
Xylenes, Total	U		0.0030	mg/L	1	19-Dec-2023 23:42
Surr: 1,2-Dichloroethane-d4	*119*		*70-126*	*%REC*	*1*	*19-Dec-2023 23:42*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*19-Dec-2023 23:42*
Surr: Dibromofluoromethane	*109*		*77-123*	*%REC*	*1*	*19-Dec-2023 23:42*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*19-Dec-2023 23:42*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 20-Dec-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

Batch ID: 204893 **Start Date:** 15 Dec 2023 14:34 **End Date:** 15 Dec 2023 14:34
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23120442-01	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120442-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120442-03	1	440 (mL)	10 (mL)	0.02273	1-liter amber glass, Neat

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 204893 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Groundwater	
HS23120442-01	6-10-20231206	06 Dec 2023 13:05		15 Dec 2023 14:34	15 Dec 2023 20:32	1
HS23120442-02	6-15-20231206	06 Dec 2023 13:20		15 Dec 2023 14:34	15 Dec 2023 20:45	1
HS23120442-03	6-09-20231206	06 Dec 2023 12:45		15 Dec 2023 14:34	15 Dec 2023 21:22	1
Batch ID: R453869 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23120442-01	6-10-20231206	06 Dec 2023 13:05			12 Dec 2023 04:03	1
HS23120442-02	6-15-20231206	06 Dec 2023 13:20			12 Dec 2023 04:26	1
HS23120442-03	6-09-20231206	06 Dec 2023 12:45			12 Dec 2023 08:19	25
HS23120442-04	6-47-20231206	06 Dec 2023 14:15			12 Dec 2023 04:49	1
HS23120442-05	6-48B-20231206	06 Dec 2023 14:27			12 Dec 2023 05:12	1
HS23120442-06	6-49B-20231206	06 Dec 2023 14:35			12 Dec 2023 05:35	1
HS23120442-07	DUP-2	06 Dec 2023 00:00			12 Dec 2023 05:57	1
HS23120442-08	6-46-20231206	06 Dec 2023 14:20			12 Dec 2023 06:20	1
HS23120442-09	6-45-20231206	06 Dec 2023 14:25			12 Dec 2023 06:43	1
HS23120442-10	6-28-20231206	06 Dec 2023 14:45			12 Dec 2023 07:06	1
HS23120442-11	6-33-20231206	06 Dec 2023 14:40			12 Dec 2023 07:28	1
Batch ID: R454008 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23120442-07	DUP-2	06 Dec 2023 00:00			13 Dec 2023 06:44	5
Batch ID: R454680 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS23120442-12	6-48-20231206	06 Dec 2023 14:30			19 Dec 2023 23:42	1

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: 204893 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 17:48**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733578** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.2113*	*0.0500*	*0.2*	*0*	*106*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1893*	*0.0500*	*0.2*	*0*	*94.7*	*53 - 137*				

LCS Sample ID: **LCS-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:01**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733579** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5.056	0.500	5	0	101	54 - 138				
Aroclor 1260	5.948	0.500	5	0	119	57 - 136				
PCBs (Total)	11	0.500	10	0	110	57 - 136				
Surr: Decachlorobiphenyl	*0.2169*	*0.0500*	*0.2*	*0*	*108*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1967*	*0.0500*	*0.2*	*0*	*98.3*	*53 - 137*				

LCSD Sample ID: **LCSD-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:13**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733580** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.184	0.500	5	0	83.7	54 - 138	5.056	18.9	20	
Aroclor 1260	5.773	0.500	5	0	115	57 - 136	5.948	2.98	20	
PCBs (Total)	9.957	0.500	10	0	99.6	57 - 136	11	9.99		
Surr: Decachlorobiphenyl	*0.214*	*0.0500*	*0.2*	*0*	*107*	*54 - 140*	*0.2169*	*1.37*	*20*	
Surr: Tetrachloro-m-xylene	*0.1889*	*0.0500*	*0.2*	*0*	*94.5*	*53 - 137*	*0.1967*	*4.02*	*20*	

The following samples were analyzed in this batch: HS23120442-01 HS23120442-02 HS23120442-03

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231211** Units: **ug/L** Analysis Date: **12-Dec-2023 00:38**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720994** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231211** Units: **ug/L** Analysis Date: **12-Dec-2023 00:38**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720994** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*51.41*	*1.0*	*50*	*0*	*103*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*48.87*	*1.0*	*50*	*0*	*97.7*	*77 - 113*			
Surr: Dibromofluoromethane	*50.9*	*1.0*	*50*	*0*	*102*	*73 - 126*			
Surr: Toluene-d8	*49.51*	*1.0*	*50*	*0*	*99.0*	*81 - 120*			

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:30**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720992** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.2	1.0	20	0	101	70 - 130				
1,1,2,2-Tetrachloroethane	20.04	1.0	20	0	100	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.43	1.0	20	0	97.1	70 - 130				
1,1,2-Trichloroethane	19.91	1.0	20	0	99.6	77 - 113				
1,1-Dichloroethane	19.96	1.0	20	0	99.8	71 - 122				
1,1-Dichloroethene	20.43	1.0	20	0	102	70 - 130				
1,2,4-Trichlorobenzene	20.12	1.0	20	0	101	77 - 126				
1,2-Dibromo-3-chloropropane	21.13	1.0	20	0	106	70 - 130				
1,2-Dibromoethane	20.16	1.0	20	0	101	76 - 123				
1,2-Dichlorobenzene	19.75	1.0	20	0	98.7	77 - 113				
1,2-Dichloroethane	20.02	1.0	20	0	100	70 - 124				
1,2-Dichloropropane	18.63	1.0	20	0	93.1	72 - 119				
1,3-Dichlorobenzene	19.84	1.0	20	0	99.2	78 - 118				
1,4-Dichlorobenzene	18.72	1.0	20	0	93.6	79 - 113				
2-Butanone	39.96	2.0	40	0	99.9	70 - 130				
2-Hexanone	41.01	2.0	40	0	103	70 - 130				
4-Methyl-2-pentanone	40.88	2.0	40	0	102	70 - 130				
Acetone	43.88	2.0	40	0	110	70 - 130				
Benzene	19.17	1.0	20	0	95.8	74 - 120				
Bromodichloromethane	18.64	1.0	20	0	93.2	74 - 122				
Bromoform	19.89	1.0	20	0	99.4	73 - 128				
Bromomethane	22.49	1.0	20	0	112	70 - 130				
Carbon disulfide	41.06	2.0	40	0	103	70 - 130				
Carbon tetrachloride	20.86	1.0	20	0	104	71 - 125				
Chlorobenzene	19.08	1.0	20	0	95.4	76 - 113				
Chloroethane	19.5	1.0	20	0	97.5	70 - 130				
Chloroform	19.36	1.0	20	0	96.8	71 - 121				
Chloromethane	22.86	1.0	20	0	114	70 - 129				
cis-1,2-Dichloroethene	19.74	1.0	20	0	98.7	75 - 122				
cis-1,3-Dichloropropene	19.64	1.0	20	0	98.2	73 - 127				
Cyclohexane	20.61	1.0	20	0	103	70 - 130				
Dibromochloromethane	18.61	1.0	20	0	93.1	77 - 122				
Dichlorodifluoromethane	21.86	1.0	20	0	109	70 - 130				
Ethylbenzene	19.68	1.0	20	0	98.4	77 - 117				

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:30**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720992** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	20.5	1.0	20	0	102	73 - 127				
m,p-Xylene	40.79	2.0	40	0	102	77 - 122				
Methyl acetate	19.47	1.0	20	0	97.3	76 - 122				
Methyl tert-butyl ether	20.69	1.0	20	0	103	70 - 130				
Methylcyclohexane	19.29	1.0	20	0	96.4	61 - 157				
Methylene chloride	21.47	2.0	20	0	107	70 - 127				
o-Xylene	20.11	1.0	20	0	101	75 - 119				
Styrene	20.5	1.0	20	0	103	72 - 126				
Tetrachloroethene	18.8	1.0	20	0	94.0	76 - 119				
Toluene	19.81	1.0	20	0	99.0	77 - 118				
trans-1,2-Dichloroethene	19.55	1.0	20	0	97.7	72 - 127				
trans-1,3-Dichloropropene	19.25	1.0	20	0	96.3	77 - 119				
Trichloroethene	20.35	1.0	20	0	102	77 - 121				
Trichlorofluoromethane	19.92	1.0	20	0	99.6	70 - 130				
Vinyl chloride	20.94	1.0	20	0	105	70 - 130				
Xylenes, Total	60.9	3.0	60	0	101	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.74*	*1.0*	*50*	*0*	*99.5*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.97*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*49.81*	*1.0*	*50*	*0*	*99.6*	*73 - 126*				
Surr: Toluene-d8	*51.39*	*1.0*	*50*	*0*	*103*	*81 - 120*				

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCSD Sample ID: **VLCSDW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:53**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720993** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.47	1.0	20	0	97.3	70 - 130	20.2	3.69	20	
1,1,2,2-Tetrachloroethane	18.46	1.0	20	0	92.3	70 - 120	20.04	8.25	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	18.1	1.0	20	0	90.5	70 - 130	19.43	7.07	20	
1,1,2-Trichloroethane	19.11	1.0	20	0	95.6	77 - 113	19.91	4.11	20	
1,1-Dichloroethane	18.21	1.0	20	0	91.1	71 - 122	19.96	9.14	20	
1,1-Dichloroethene	19.19	1.0	20	0	96.0	70 - 130	20.43	6.24	20	
1,2,4-Trichlorobenzene	18.13	1.0	20	0	90.7	77 - 126	20.12	10.4	20	
1,2-Dibromo-3-chloropropane	20.41	1.0	20	0	102	70 - 130	21.13	3.46	20	
1,2-Dibromoethane	19.13	1.0	20	0	95.6	76 - 123	20.16	5.26	20	
1,2-Dichlorobenzene	18.15	1.0	20	0	90.7	77 - 113	19.75	8.44	20	
1,2-Dichloroethane	19.27	1.0	20	0	96.4	70 - 124	20.02	3.8	20	
1,2-Dichloropropane	17.91	1.0	20	0	89.6	72 - 119	18.63	3.91	20	
1,3-Dichlorobenzene	18.24	1.0	20	0	91.2	78 - 118	19.84	8.39	20	
1,4-Dichlorobenzene	17.17	1.0	20	0	85.9	79 - 113	18.72	8.61	20	
2-Butanone	39.05	2.0	40	0	97.6	70 - 130	39.96	2.3	20	
2-Hexanone	38.64	2.0	40	0	96.6	70 - 130	41.01	5.94	20	
4-Methyl-2-pentanone	39.14	2.0	40	0	97.8	70 - 130	40.88	4.36	20	
Acetone	41.66	2.0	40	0	104	70 - 130	43.88	5.18	20	
Benzene	17.98	1.0	20	0	89.9	74 - 120	19.17	6.39	20	
Bromodichloromethane	17.89	1.0	20	0	89.4	74 - 122	18.64	4.13	20	
Bromoform	18.89	1.0	20	0	94.4	73 - 128	19.89	5.17	20	
Bromomethane	20.69	1.0	20	0	103	70 - 130	22.49	8.35	20	
Carbon disulfide	37.98	2.0	40	0	95.0	70 - 130	41.06	7.79	20	
Carbon tetrachloride	19.09	1.0	20	0	95.4	71 - 125	20.86	8.89	20	
Chlorobenzene	18.11	1.0	20	0	90.6	76 - 113	19.08	5.21	20	
Chloroethane	17.66	1.0	20	0	88.3	70 - 130	19.5	9.87	20	
Chloroform	17.92	1.0	20	0	89.6	71 - 121	19.36	7.75	20	
Chloromethane	21.28	1.0	20	0	106	70 - 129	22.86	7.13	20	
cis-1,2-Dichloroethene	18.19	1.0	20	0	90.9	75 - 122	19.74	8.2	20	
cis-1,3-Dichloropropene	18.88	1.0	20	0	94.4	73 - 127	19.64	3.96	20	
Cyclohexane	20.09	1.0	20	0	100	70 - 130	20.61	2.53	20	
Dibromochloromethane	18.23	1.0	20	0	91.1	77 - 122	18.61	2.08	20	
Dichlorodifluoromethane	19.72	1.0	20	0	98.6	70 - 130	21.86	10.3	20	
Ethylbenzene	18.95	1.0	20	0	94.8	77 - 117	19.68	3.77	20	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCSD Sample ID: **VLCSDW-231211** Units: **ug/L** Analysis Date: **11-Dec-2023 23:53**
Client ID: Run ID: **VOA4_453869** SeqNo: **7720993** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.15	1.0	20	0	95.8	73 - 127	20.5	6.79	20	
m,p-Xylene	37.71	2.0	40	0	94.3	77 - 122	40.79	7.85	20	
Methyl acetate	18.84	1.0	20	0	94.2	76 - 122	19.47	3.31	20	
Methyl tert-butyl ether	19.94	1.0	20	0	99.7	70 - 130	20.69	3.68	20	
Methylcyclohexane	17.38	1.0	20	0	86.9	61 - 157	19.29	10.4	20	
Methylene chloride	20.76	2.0	20	0	104	70 - 127	21.47	3.35	20	
o-Xylene	18.95	1.0	20	0	94.7	75 - 119	20.11	5.94	20	
Styrene	19.06	1.0	20	0	95.3	72 - 126	20.5	7.29	20	
Tetrachloroethene	17.21	1.0	20	0	86.0	76 - 119	18.8	8.84	20	
Toluene	18.79	1.0	20	0	93.9	77 - 118	19.81	5.28	20	
trans-1,2-Dichloroethene	18.01	1.0	20	0	90.1	72 - 127	19.55	8.18	20	
trans-1,3-Dichloropropene	18.45	1.0	20	0	92.3	77 - 119	19.25	4.24	20	
Trichloroethene	19.5	1.0	20	0	97.5	77 - 121	20.35	4.27	20	
Trichlorofluoromethane	18.56	1.0	20	0	92.8	70 - 130	19.92	7.11	20	
Vinyl chloride	19.14	1.0	20	0	95.7	70 - 130	20.94	8.99	20	
Xylenes, Total	56.66	3.0	60	0	94.4	75 - 122	60.9	7.21	20	
Surr: 1,2-Dichloroethane-d4	*49.25*	*1.0*	*50*	*0*	*98.5*	*70 - 123*	*49.74*	*0.99*	*20*	
Surr: 4-Bromofluorobenzene	*51.24*	*1.0*	*50*	*0*	*102*	*77 - 113*	*50.97*	*0.516*	*20*	
Surr: Dibromofluoromethane	*49.7*	*1.0*	*50*	*0*	*99.4*	*73 - 126*	*49.81*	*0.219*	*20*	
Surr: Toluene-d8	*50.77*	*1.0*	*50*	*0*	*102*	*81 - 120*	*51.39*	*1.22*	*20*	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23120439-02MS** Units: **ug/L** Analysis Date: **12-Dec-2023 08:41**
Client ID: Run ID: **VOA4_453869** SeqNo: **7721015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.86	1.0	20	0	89.3	70 - 130				
1,1,2,2-Tetrachloroethane	15.88	1.0	20	0	79.4	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	16.93	1.0	20	0	84.6	70 - 130				
1,1,2-Trichloroethane	16.47	1.0	20	0	82.4	70 - 117				
1,1-Dichloroethane	17.2	1.0	20	0	86.0	70 - 127				
1,1-Dichloroethene	18.86	1.0	20	0	94.3	70 - 130				
1,2,4-Trichlorobenzene	14.29	1.0	20	0	71.5	70 - 125				
1,2-Dibromo-3-chloropropane	15.71	1.0	20	0	78.5	70 - 130				
1,2-Dibromoethane	16.31	1.0	20	0	81.5	70 - 124				
1,2-Dichlorobenzene	15.38	1.0	20	0	76.9	70 - 115				
1,2-Dichloroethane	18.22	1.0	20	0	91.1	70 - 127				
1,2-Dichloropropane	16.5	1.0	20	0	82.5	70 - 122				
1,3-Dichlorobenzene	15.49	1.0	20	0	77.4	70 - 119				
1,4-Dichlorobenzene	14.93	1.0	20	0	74.6	70 - 114				
2-Butanone	34.56	2.0	40	0	86.4	70 - 130				
2-Hexanone	33.65	2.0	40	0	84.1	70 - 130				
4-Methyl-2-pentanone	33.43	2.0	40	0	83.6	70 - 130				
Acetone	42.82	2.0	40	0	107	70 - 130				
Benzene	17.2	1.0	20	0	86.0	70 - 127				
Bromodichloromethane	16.34	1.0	20	0	81.7	70 - 124				
Bromoform	15.85	1.0	20	0	79.3	70 - 129				
Bromomethane	19.01	1.0	20	0	95.1	70 - 130				
Carbon disulfide	36.17	2.0	40	0	90.4	70 - 130				
Carbon tetrachloride	17.94	1.0	20	0	89.7	70 - 130				
Chlorobenzene	16.09	1.0	20	0	80.4	70 - 114				
Chloroethane	18.16	1.0	20	0	90.8	70 - 130				
Chloroform	16.6	1.0	20	0	83.0	70 - 125				
Chloromethane	20.34	1.0	20	0	102	70 - 130				
cis-1,2-Dichloroethene	16.6	1.0	20	0	83.0	70 - 128				
cis-1,3-Dichloropropene	16.27	1.0	20	0	81.4	70 - 125				
Cyclohexane	18.66	1.0	20	0	93.3	70 - 130				
Dibromochloromethane	15.73	1.0	20	0	78.7	70 - 124				
Dichlorodifluoromethane	19.31	1.0	20	0	96.5	70 - 130				
Ethylbenzene	16.27	1.0	20	0	81.4	70 - 124				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120439-02MS** Units: **ug/L** Analysis Date: **12-Dec-2023 08:41**
Client ID: Run ID: **VOA4_453869** SeqNo: **7721015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	16.52	1.0	20	0	82.6	70 - 130			
m,p-Xylene	33.24	2.0	40	0	83.1	70 - 130			
Methyl acetate	16.44	1.0	20	0	82.2	76 - 122			
Methyl tert-butyl ether	17.56	1.0	20	0	87.8	70 - 130			
Methylcyclohexane	16.6	1.0	20	0	83.0	61 - 158			
Methylene chloride	18.68	2.0	20	0	93.4	70 - 128			
o-Xylene	16.11	1.0	20	0	80.5	70 - 124			
Styrene	16.7	1.0	20	0	83.5	70 - 130			
Tetrachloroethene	15.74	1.0	20	0	78.7	70 - 130			
Toluene	16.71	1.0	20	0	83.5	70 - 123			
trans-1,2-Dichloroethene	16.97	1.0	20	0	84.9	70 - 130			
trans-1,3-Dichloropropene	15.64	1.0	20	0	78.2	70 - 121			
Trichloroethene	18.22	1.0	20	0	91.1	70 - 129			
Trichlorofluoromethane	18.87	1.0	20	0	94.4	70 - 130			
Vinyl chloride	19.09	1.0	20	0	95.5	70 - 130			
Xylenes, Total	49.34	3.0	60	0	82.2	70 - 130			
Surr: 1,2-Dichloroethane-d4	*51.29*	*1.0*	*50*	*0*	*103*	*70 - 126*			
Surr: 4-Bromofluorobenzene	*51.33*	*1.0*	*50*	*0*	*103*	*77 - 113*			
Surr: Dibromofluoromethane	*51.15*	*1.0*	*50*	*0*	*102*	*77 - 123*			
Surr: Toluene-d8	*50.62*	*1.0*	*50*	*0*	*101*	*82 - 127*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120439-02MSD** Units: **ug/L** Analysis Date: **12-Dec-2023 09:04**
Client ID: Run ID: **VOA4_453869** SeqNo: **7721016** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.91	1.0	20	0	89.5	70 - 130	17.86	0.237	20	
1,1,2,2-Tetrachloroethane	15.46	1.0	20	0	77.3	70 - 123	15.88	2.68	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	16.9	1.0	20	0	84.5	70 - 130	16.93	0.16	20	
1,1,2-Trichloroethane	16.57	1.0	20	0	82.9	70 - 117	16.47	0.602	20	
1,1-Dichloroethane	17.28	1.0	20	0	86.4	70 - 127	17.2	0.456	20	
1,1-Dichloroethene	17.93	1.0	20	0	89.6	70 - 130	18.86	5.08	20	
1,2,4-Trichlorobenzene	15.14	1.0	20	0	75.7	70 - 125	14.29	5.79	20	
1,2-Dibromo-3-chloropropane	16.79	1.0	20	0	84.0	70 - 130	15.71	6.66	20	
1,2-Dibromoethane	17.04	1.0	20	0	85.2	70 - 124	16.31	4.42	20	
1,2-Dichlorobenzene	15.49	1.0	20	0	77.5	70 - 115	15.38	0.701	20	
1,2-Dichloroethane	17.97	1.0	20	0	89.9	70 - 127	18.22	1.39	20	
1,2-Dichloropropane	16.16	1.0	20	0	80.8	70 - 122	16.5	2.13	20	
1,3-Dichlorobenzene	15.6	1.0	20	0	78.0	70 - 119	15.49	0.693	20	
1,4-Dichlorobenzene	15.13	1.0	20	0	75.6	70 - 114	14.93	1.34	20	
2-Butanone	35.19	2.0	40	0	88.0	70 - 130	34.56	1.81	20	
2-Hexanone	33.39	2.0	40	0	83.5	70 - 130	33.65	0.762	20	
4-Methyl-2-pentanone	34.53	2.0	40	0	86.3	70 - 130	33.43	3.23	20	
Acetone	42.84	2.0	40	0	107	70 - 130	42.82	0.0412	20	
Benzene	16.59	1.0	20	0	82.9	70 - 127	17.2	3.61	20	
Bromodichloromethane	16.81	1.0	20	0	84.0	70 - 124	16.34	2.82	20	
Bromoform	15.88	1.0	20	0	79.4	70 - 129	15.85	0.16	20	
Bromomethane	19.3	1.0	20	0	96.5	70 - 130	19.01	1.51	20	
Carbon disulfide	36.13	2.0	40	0	90.3	70 - 130	36.17	0.0996	20	
Carbon tetrachloride	17.76	1.0	20	0	88.8	70 - 130	17.94	1.02	20	
Chlorobenzene	15.88	1.0	20	0	79.4	70 - 114	16.09	1.34	20	
Chloroethane	18.74	1.0	20	0	93.7	70 - 130	18.16	3.11	20	
Chloroform	17.25	1.0	20	0	86.3	70 - 125	16.6	3.89	20	
Chloromethane	19.77	1.0	20	0	98.8	70 - 130	20.34	2.88	20	
cis-1,2-Dichloroethene	16.69	1.0	20	0	83.5	70 - 128	16.6	0.52	20	
cis-1,3-Dichloropropene	16.31	1.0	20	0	81.6	70 - 125	16.27	0.273	20	
Cyclohexane	18.48	1.0	20	0	92.4	70 - 130	18.66	0.979	20	
Dibromochloromethane	16.33	1.0	20	0	81.7	70 - 124	15.73	3.72	20	
Dichlorodifluoromethane	20	1.0	20	0	100	70 - 130	19.31	3.52	20	
Ethylbenzene	16.33	1.0	20	0	81.7	70 - 124	16.27	0.341	20	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R453869 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23120439-02MSD** Units: **ug/L** Analysis Date: **12-Dec-2023 09:04**
Client ID: Run ID: **VOA4_453869** SeqNo: **7721016** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	16.72	1.0	20	0	83.6	70 - 130	16.52	1.22	20	
m,p-Xylene	33.8	2.0	40	0	84.5	70 - 130	33.24	1.67	20	
Methyl acetate	16.94	1.0	20	0	84.7	76 - 122	16.44	2.96	20	
Methyl tert-butyl ether	17.91	1.0	20	0	89.6	70 - 130	17.56	1.98	20	
Methylcyclohexane	16.15	1.0	20	0	80.7	61 - 158	16.6	2.79	20	
Methylene chloride	19.01	2.0	20	0	95.0	70 - 128	18.68	1.71	20	
o-Xylene	16.76	1.0	20	0	83.8	70 - 124	16.11	3.95	20	
Styrene	16.99	1.0	20	0	85.0	70 - 130	16.7	1.75	20	
Tetrachloroethene	15.44	1.0	20	0	77.2	70 - 130	15.74	1.88	20	
Toluene	16.65	1.0	20	0	83.2	70 - 123	16.71	0.375	20	
trans-1,2-Dichloroethene	16.29	1.0	20	0	81.5	70 - 130	16.97	4.09	20	
trans-1,3-Dichloropropene	15.73	1.0	20	0	78.6	70 - 121	15.64	0.57	20	
Trichloroethene	17.83	1.0	20	0	89.2	70 - 129	18.22	2.14	20	
Trichlorofluoromethane	18.77	1.0	20	0	93.8	70 - 130	18.87	0.56	20	
Vinyl chloride	19.25	1.0	20	0	96.3	70 - 130	19.09	0.831	20	
Xylenes, Total	50.55	3.0	60	0	84.3	70 - 130	49.34	2.42	20	
Surr: 1,2-Dichloroethane-d4	*52.31*	*1.0*	*50*	*0*	*105*	*70 - 126*	*51.29*	*1.96*	*20*	
Surr: 4-Bromofluorobenzene	*51.04*	*1.0*	*50*	*0*	*102*	*77 - 113*	*51.33*	*0.56*	*20*	
Surr: Dibromofluoromethane	*50.9*	*1.0*	*50*	*0*	*102*	*77 - 123*	*51.15*	*0.493*	*20*	
Surr: Toluene-d8	*51.12*	*1.0*	*50*	*0*	*102*	*82 - 127*	*50.62*	*0.98*	*20*	

The following samples were analyzed in this batch:

HS23120442-01	HS23120442-02	HS23120442-03	HS23120442-04
HS23120442-05	HS23120442-06	HS23120442-07	HS23120442-08
HS23120442-09	HS23120442-10	HS23120442-11	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454008 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-231212** Units: **ug/L** Analysis Date: **12-Dec-2023 23:54**
Client ID: Run ID: **VOA4_454008** SeqNo: **7723867** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroform	U	1.0								
Surr: 1,2-Dichloroethane-d4	*55.66*	*1.0*	*50*	*0*	*111*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.41*	*1.0*	*50*	*0*	*98.8*	*77 - 113*				
Surr: Dibromofluoromethane	*53.56*	*1.0*	*50*	*0*	*107*	*73 - 126*				
Surr: Toluene-d8	*48.65*	*1.0*	*50*	*0*	*97.3*	*81 - 120*				

LCS Sample ID: **VLCSW-231212** Units: **ug/L** Analysis Date: **12-Dec-2023 22:45**
Client ID: Run ID: **VOA4_454008** SeqNo: **7723865** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroform	19.43	1.0	20	0	97.2	71 - 121				
Surr: 1,2-Dichloroethane-d4	*51.21*	*1.0*	*50*	*0*	*102*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.82*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*52.18*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*51.39*	*1.0*	*50*	*0*	*103*	*81 - 120*				

LCSD Sample ID: **VLCSDW-231212** Units: **ug/L** Analysis Date: **12-Dec-2023 23:08**
Client ID: Run ID: **VOA4_454008** SeqNo: **7723866** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroform	18.81	1.0	20	0	94.0	71 - 121	19.43	3.27	20	
Surr: 1,2-Dichloroethane-d4	*50.92*	*1.0*	*50*	*0*	*102*	*70 - 123*	*51.21*	*0.568*	*20*	
Surr: 4-Bromofluorobenzene	*51.03*	*1.0*	*50*	*0*	*102*	*77 - 113*	*52.82*	*3.44*	*20*	
Surr: Dibromofluoromethane	*51.74*	*1.0*	*50*	*0*	*103*	*73 - 126*	*52.18*	*0.854*	*20*	
Surr: Toluene-d8	*51.26*	*1.0*	*50*	*0*	*103*	*81 - 120*	*51.39*	*0.251*	*20*	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454008 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23120602-07MS** Units: **ug/L** Analysis Date: **13-Dec-2023 07:52**
Client ID: Run ID: **VOA4_454008** SeqNo: **7723888** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroform	17.49	1.0	20	0	87.5	70 - 125				
Surr: 1,2-Dichloroethane-d4	*51.68*	*1.0*	*50*	*0*	*103*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*51.9*	*1.0*	*50*	*0*	*104*	*77 - 113*				
Surr: Dibromofluoromethane	*50.58*	*1.0*	*50*	*0*	*101*	*77 - 123*				
Surr: Toluene-d8	*50.38*	*1.0*	*50*	*0*	*101*	*82 - 127*				

MSD Sample ID: **HS23120602-07MSD** Units: **ug/L** Analysis Date: **13-Dec-2023 08:15**
Client ID: Run ID: **VOA4_454008** SeqNo: **7723889** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroform	17.61	1.0	20	0	88.1	70 - 125	17.49	0.677	20	
Surr: 1,2-Dichloroethane-d4	*53.24*	*1.0*	*50*	*0*	*106*	*70 - 126*	*51.68*	*2.98*	*20*	
Surr: 4-Bromofluorobenzene	*52.37*	*1.0*	*50*	*0*	*105*	*77 - 113*	*51.9*	*0.897*	*20*	
Surr: Dibromofluoromethane	*52.25*	*1.0*	*50*	*0*	*104*	*77 - 123*	*50.58*	*3.23*	*20*	
Surr: Toluene-d8	*51.59*	*1.0*	*50*	*0*	*103*	*82 - 127*	*50.38*	*2.37*	*20*	

The following samples were analyzed in this batch: HS23120442-07

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231219** Units: **ug/L** Analysis Date: **19-Dec-2023 21:48**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739438** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231219** Units: **ug/L** Analysis Date: **19-Dec-2023 21:48**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739438** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*59.46*	*1.0*	*50*	*0*	*119*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*52.09*	*1.0*	*50*	*0*	*104*	*77 - 113*			
Surr: Dibromofluoromethane	*54.21*	*1.0*	*50*	*0*	*108*	*73 - 126*			
Surr: Toluene-d8	*50.13*	*1.0*	*50*	*0*	*100*	*81 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231219** Units: **ug/L** Analysis Date: **19-Dec-2023 20:40**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739436** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.2	1.0	20	0	101	70 - 130				
1,1,2,2-Tetrachloroethane	19.46	1.0	20	0	97.3	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	17.22	1.0	20	0	86.1	70 - 130				
1,1,2-Trichloroethane	19.91	1.0	20	0	99.6	77 - 113				
1,1-Dichloroethane	20.88	1.0	20	0	104	71 - 122				
1,1-Dichloroethene	20.14	1.0	20	0	101	70 - 130				
1,2,4-Trichlorobenzene	18.08	1.0	20	0	90.4	77 - 126				
1,2-Dibromo-3-chloropropane	21.88	1.0	20	0	109	70 - 130				
1,2-Dibromoethane	19.72	1.0	20	0	98.6	76 - 123				
1,2-Dichlorobenzene	17.9	1.0	20	0	89.5	77 - 113				
1,2-Dichloroethane	22.45	1.0	20	0	112	70 - 124				
1,2-Dichloropropane	20.07	1.0	20	0	100	72 - 119				
1,3-Dichlorobenzene	18.23	1.0	20	0	91.2	78 - 118				
1,4-Dichlorobenzene	17.56	1.0	20	0	87.8	79 - 113				
2-Butanone	48.26	2.0	40	0	121	70 - 130				
2-Hexanone	48.44	2.0	40	0	121	70 - 130				
4-Methyl-2-pentanone	46.07	2.0	40	0	115	70 - 130				
Acetone	49.56	2.0	40	0	124	70 - 130				
Benzene	19.58	1.0	20	0	97.9	74 - 120				
Bromodichloromethane	19.76	1.0	20	0	98.8	74 - 122				
Bromoform	17.9	1.0	20	0	89.5	73 - 128				
Bromomethane	21.05	1.0	20	0	105	70 - 130				
Carbon disulfide	42.2	2.0	40	0	105	70 - 130				
Carbon tetrachloride	19.73	1.0	20	0	98.6	71 - 125				
Chlorobenzene	17.88	1.0	20	0	89.4	76 - 113				
Chloroethane	20.73	1.0	20	0	104	70 - 130				
Chloroform	20.63	1.0	20	0	103	71 - 121				
Chloromethane	25.26	1.0	20	0	126	70 - 129				
cis-1,2-Dichloroethene	19.7	1.0	20	0	98.5	75 - 122				
cis-1,3-Dichloropropene	21.07	1.0	20	0	105	73 - 127				
Cyclohexane	22.73	1.0	20	0	114	70 - 130				
Dibromochloromethane	18.92	1.0	20	0	94.6	77 - 122				
Dichlorodifluoromethane	18.63	1.0	20	0	93.2	70 - 130				
Ethylbenzene	18.65	1.0	20	0	93.3	77 - 117				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231219** Units: **ug/L** Analysis Date: **19-Dec-2023 20:40**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739436** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	19.2	1.0	20	0	96.0	73 - 127				
m,p-Xylene	37.37	2.0	40	0	93.4	77 - 122				
Methyl acetate	24.29	1.0	20	0	121	76 - 122				
Methyl tert-butyl ether	23.77	1.0	20	0	119	70 - 130				
Methylcyclohexane	19.04	1.0	20	0	95.2	61 - 157				
Methylene chloride	23.26	2.0	20	0	116	70 - 127				
o-Xylene	19.34	1.0	20	0	96.7	75 - 119				
Styrene	19.64	1.0	20	0	98.2	72 - 126				
Tetrachloroethene	16.96	1.0	20	0	84.8	76 - 119				
Toluene	18.68	1.0	20	0	93.4	77 - 118				
trans-1,2-Dichloroethene	19.65	1.0	20	0	98.2	72 - 127				
trans-1,3-Dichloropropene	20.7	1.0	20	0	104	77 - 119				
Trichloroethene	19.22	1.0	20	0	96.1	77 - 121				
Trichlorofluoromethane	20.13	1.0	20	0	101	70 - 130				
Vinyl chloride	20.41	1.0	20	0	102	70 - 130				
Xylenes, Total	56.71	3.0	60	0	94.5	75 - 122				
Surr: 1,2-Dichloroethane-d4	*59.48*	*1.0*	*50*	*0*	*119*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.19*	*1.0*	*50*	*0*	*104*	*77 - 113*				
Surr: Dibromofluoromethane	*53.98*	*1.0*	*50*	*0*	*108*	*73 - 126*				
Surr: Toluene-d8	*50.85*	*1.0*	*50*	*0*	*102*	*81 - 120*				

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCSD Sample ID: **VLCSDW-231219** Units: **ug/L** Analysis Date: **19-Dec-2023 21:03**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739437** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.64	1.0	20	0	98.2	70 - 130	20.2	2.81	20	
1,1,2,2-Tetrachloroethane	19.3	1.0	20	0	96.5	70 - 120	19.46	0.825	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	17.06	1.0	20	0	85.3	70 - 130	17.22	0.924	20	
1,1,2-Trichloroethane	19.49	1.0	20	0	97.5	77 - 113	19.91	2.14	20	
1,1-Dichloroethane	20.58	1.0	20	0	103	71 - 122	20.88	1.44	20	
1,1-Dichloroethene	18.34	1.0	20	0	91.7	70 - 130	20.14	9.39	20	
1,2,4-Trichlorobenzene	16.78	1.0	20	0	83.9	77 - 126	18.08	7.47	20	
1,2-Dibromo-3-chloropropane	21.22	1.0	20	0	106	70 - 130	21.88	3.06	20	
1,2-Dibromoethane	18.67	1.0	20	0	93.3	76 - 123	19.72	5.48	20	
1,2-Dichlorobenzene	17.13	1.0	20	0	85.6	77 - 113	17.9	4.43	20	
1,2-Dichloroethane	21.45	1.0	20	0	107	70 - 124	22.45	4.53	20	
1,2-Dichloropropane	19.04	1.0	20	0	95.2	72 - 119	20.07	5.27	20	
1,3-Dichlorobenzene	17.39	1.0	20	0	86.9	78 - 118	18.23	4.77	20	
1,4-Dichlorobenzene	16.4	1.0	20	0	82.0	79 - 113	17.56	6.85	20	
2-Butanone	48.63	2.0	40	0	122	70 - 130	48.26	0.763	20	
2-Hexanone	48.2	2.0	40	0	121	70 - 130	48.44	0.505	20	
4-Methyl-2-pentanone	46.17	2.0	40	0	115	70 - 130	46.07	0.211	20	
Acetone	46.83	2.0	40	0	117	70 - 130	49.56	5.65	20	
Benzene	18.21	1.0	20	0	91.0	74 - 120	19.58	7.26	20	
Bromodichloromethane	18.41	1.0	20	0	92.1	74 - 122	19.76	7.05	20	
Bromoform	17.54	1.0	20	0	87.7	73 - 128	17.9	2.01	20	
Bromomethane	18.97	1.0	20	0	94.8	70 - 130	21.05	10.4	20	
Carbon disulfide	39.44	2.0	40	0	98.6	70 - 130	42.2	6.75	20	
Carbon tetrachloride	18.33	1.0	20	0	91.7	71 - 125	19.73	7.33	20	
Chlorobenzene	17.29	1.0	20	0	86.4	76 - 113	17.88	3.4	20	
Chloroethane	18.18	1.0	20	0	90.9	70 - 130	20.73	13.1	20	
Chloroform	19.59	1.0	20	0	97.9	71 - 121	20.63	5.19	20	
Chloromethane	21.87	1.0	20	0	109	70 - 129	25.26	14.4	20	
cis-1,2-Dichloroethene	18.43	1.0	20	0	92.2	75 - 122	19.7	6.67	20	
cis-1,3-Dichloropropene	19.92	1.0	20	0	99.6	73 - 127	21.07	5.62	20	
Cyclohexane	20.51	1.0	20	0	103	70 - 130	22.73	10.2	20	
Dibromochloromethane	17.84	1.0	20	0	89.2	77 - 122	18.92	5.86	20	
Dichlorodifluoromethane	16.31	1.0	20	0	81.6	70 - 130	18.63	13.3	20	
Ethylbenzene	17.62	1.0	20	0	88.1	77 - 117	18.65	5.67	20	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCSD Sample ID: **VLCSDW-231219** Units: **ug/L** Analysis Date: **19-Dec-2023 21:03**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739437** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	18.45	1.0	20	0	92.3	73 - 127	19.2	3.96	20	
m,p-Xylene	36.13	2.0	40	0	90.3	77 - 122	37.37	3.4	20	
Methyl acetate	23.53	1.0	20	0	118	76 - 122	24.29	3.17	20	
Methyl tert-butyl ether	23.31	1.0	20	0	117	70 - 130	23.77	1.94	20	
Methylcyclohexane	18	1.0	20	0	90.0	61 - 157	19.04	5.61	20	
Methylene chloride	21.46	2.0	20	0	107	70 - 127	23.26	8.08	20	
o-Xylene	18.69	1.0	20	0	93.4	75 - 119	19.34	3.41	20	
Styrene	18.36	1.0	20	0	91.8	72 - 126	19.64	6.74	20	
Tetrachloroethene	16.03	1.0	20	0	80.1	76 - 119	16.96	5.67	20	
Toluene	17.68	1.0	20	0	88.4	77 - 118	18.68	5.48	20	
trans-1,2-Dichloroethene	19.15	1.0	20	0	95.8	72 - 127	19.65	2.56	20	
trans-1,3-Dichloropropene	19.27	1.0	20	0	96.4	77 - 119	20.7	7.16	20	
Trichloroethene	17.95	1.0	20	0	89.8	77 - 121	19.22	6.81	20	
Trichlorofluoromethane	18.69	1.0	20	0	93.5	70 - 130	20.13	7.43	20	
Vinyl chloride	18.91	1.0	20	0	94.6	70 - 130	20.41	7.64	20	
Xylenes, Total	54.81	3.0	60	0	91.4	75 - 122	56.71	3.4	20	
Surr: 1,2-Dichloroethane-d4	*57.39*	*1.0*	*50*	*0*	*115*	*70 - 123*	*59.48*	*3.59*	*20*	
Surr: 4-Bromofluorobenzene	*53.08*	*1.0*	*50*	*0*	*106*	*77 - 113*	*52.19*	*1.69*	*20*	
Surr: Dibromofluoromethane	*53.69*	*1.0*	*50*	*0*	*107*	*73 - 126*	*53.98*	*0.538*	*20*	
Surr: Toluene-d8	*50.93*	*1.0*	*50*	*0*	*102*	*81 - 120*	*50.85*	*0.15*	*20*	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23121011-01MS** Units: **ug/L** Analysis Date: **20-Dec-2023 05:34**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739459** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.97	1.0	20	0	99.8	70 - 130				
1,1,2,2-Tetrachloroethane	17.31	1.0	20	0	86.5	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	17.99	1.0	20	0	90.0	70 - 130				
1,1,2-Trichloroethane	17.64	1.0	20	0	88.2	70 - 117				
1,1-Dichloroethane	22.08	1.0	20	2.888	96.0	70 - 127				
1,1-Dichloroethene	48.44	1.0	20	30.69	88.8	70 - 130				
1,2,4-Trichlorobenzene	14.54	1.0	20	0	72.7	70 - 125				
1,2-Dibromo-3-chloropropane	19.64	1.0	20	0	98.2	70 - 130				
1,2-Dibromoethane	18.18	1.0	20	0	90.9	70 - 124				
1,2-Dichlorobenzene	15.32	1.0	20	0	76.6	70 - 115				
1,2-Dichloroethane	22.36	1.0	20	0	112	70 - 127				
1,2-Dichloropropane	18.67	1.0	20	0	93.4	70 - 122				
1,3-Dichlorobenzene	15.67	1.0	20	0	78.3	70 - 119				
1,4-Dichlorobenzene	20.13	1.0	20	4.946	75.9	70 - 114				
2-Butanone	43.99	2.0	40	0	110	70 - 130				
2-Hexanone	43.82	2.0	40	0	110	70 - 130				
4-Methyl-2-pentanone	39.9	2.0	40	0	99.7	70 - 130				
Acetone	56.17	2.0	40	0	140	70 - 130				S
Benzene	18.74	1.0	20	0.2097	92.7	70 - 127				
Bromodichloromethane	19.4	1.0	20	0	97.0	70 - 124				
Bromoform	18.17	1.0	20	0	90.9	70 - 129				
Bromomethane	18.27	1.0	20	0	91.4	70 - 130				
Carbon disulfide	39.42	2.0	40	0	98.6	70 - 130				
Carbon tetrachloride	19.34	1.0	20	0	96.7	70 - 130				
Chlorobenzene	17.07	1.0	20	0.7334	81.7	70 - 114				
Chloroethane	18.95	1.0	20	0	94.8	70 - 130				
Chloroform	20.01	1.0	20	0.9064	95.5	70 - 125				
Chloromethane	22.76	1.0	20	0	114	70 - 130				
cis-1,2-Dichloroethene	1657	1.0	20	1661	-19.5	70 - 128				SEO
cis-1,3-Dichloropropene	18.78	1.0	20	0	93.9	70 - 125				
Cyclohexane	20.87	1.0	20	0	104	70 - 130				
Dibromochloromethane	21.56	1.0	20	0	108	70 - 124				
Dichlorodifluoromethane	18.3	1.0	20	0	91.5	70 - 130				
Ethylbenzene	17.87	1.0	20	0	89.4	70 - 124				

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23121011-01MS** Units: **ug/L** Analysis Date: **20-Dec-2023 05:34**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739459** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	17.42	1.0	20	0	87.1	70 - 130				
m,p-Xylene	35.41	2.0	40	0	88.5	70 - 130				
Methyl acetate	18.17	1.0	20	0	90.9	76 - 122				
Methyl tert-butyl ether	19.85	1.0	20	0.3421	97.5	70 - 130				
Methylcyclohexane	18.79	1.0	20	0	94.0	61 - 158				
Methylene chloride	23.65	2.0	20	3.352	102	70 - 128				
o-Xylene	17.2	1.0	20	0	86.0	70 - 124				
Styrene	15.9	1.0	20	0	79.5	70 - 130				
Tetrachloroethene	54830	1.0	20	54620	1020	70 - 130				SEO
Toluene	17.81	1.0	20	0.5581	86.2	70 - 123				
trans-1,2-Dichloroethene	31.81	1.0	20	14.35	87.3	70 - 130				
trans-1,3-Dichloropropene	18.65	1.0	20	0	93.3	70 - 121				
Trichloroethene	1683	1.0	20	1666	84.3	70 - 129				EO
Trichlorofluoromethane	73.1	1.0	20	53.46	98.2	70 - 130				
Vinyl chloride	150	1.0	20	132.7	86.5	70 - 130				O
Xylenes, Total	52.61	3.0	60	0	87.7	70 - 130				
Surr: 1,2-Dichloroethane-d4	*58.59*	*1.0*	*50*	*0*	*117*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*53.26*	*1.0*	*50*	*0*	*107*	*77 - 113*				
Surr: Dibromofluoromethane	*51.5*	*1.0*	*50*	*0*	*103*	*77 - 123*				
Surr: Toluene-d8	*48.4*	*1.0*	*50*	*0*	*96.8*	*82 - 127*				

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23121011-01MSD** Units: **ug/L** Analysis Date: **20-Dec-2023 05:57**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739460** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.94	1.0	20	0	94.7	70 - 130	19.97	5.32	20	
1,1,2,2-Tetrachloroethane	16.41	1.0	20	0	82.0	70 - 123	17.31	5.34	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	16.72	1.0	20	0	83.6	70 - 130	17.99	7.36	20	
1,1,2-Trichloroethane	17.61	1.0	20	0	88.0	70 - 117	17.64	0.174	20	
1,1-Dichloroethane	20.85	1.0	20	2.888	89.8	70 - 127	22.08	5.74	20	
1,1-Dichloroethene	45.49	1.0	20	30.69	74.0	70 - 130	48.44	6.3	20	
1,2,4-Trichlorobenzene	13.99	1.0	20	0	69.9	70 - 125	14.54	3.83	20	S
1,2-Dibromo-3-chloropropane	19	1.0	20	0	95.0	70 - 130	19.64	3.3	20	
1,2-Dibromoethane	17.35	1.0	20	0	86.8	70 - 124	18.18	4.66	20	
1,2-Dichlorobenzene	14.73	1.0	20	0	73.6	70 - 115	15.32	3.95	20	
1,2-Dichloroethane	21.07	1.0	20	0	105	70 - 127	22.36	5.92	20	
1,2-Dichloropropane	17.69	1.0	20	0	88.5	70 - 122	18.67	5.4	20	
1,3-Dichlorobenzene	15.02	1.0	20	0	75.1	70 - 119	15.67	4.19	20	
1,4-Dichlorobenzene	19.11	1.0	20	4.946	70.8	70 - 114	20.13	5.22	20	
2-Butanone	44.51	2.0	40	0	111	70 - 130	43.99	1.18	20	
2-Hexanone	44.65	2.0	40	0	112	70 - 130	43.82	1.88	20	
4-Methyl-2-pentanone	39.46	2.0	40	0	98.7	70 - 130	39.9	1.1	20	
Acetone	56.27	2.0	40	0	141	70 - 130	56.17	0.193	20	S
Benzene	17.44	1.0	20	0.2097	86.1	70 - 127	18.74	7.22	20	
Bromodichloromethane	18.58	1.0	20	0	92.9	70 - 124	19.4	4.29	20	
Bromoform	17.51	1.0	20	0	87.5	70 - 129	18.17	3.72	20	
Bromomethane	17.06	1.0	20	0	85.3	70 - 130	18.27	6.89	20	
Carbon disulfide	36	2.0	40	0	90.0	70 - 130	39.42	9.07	20	
Carbon tetrachloride	18.81	1.0	20	0	94.0	70 - 130	19.34	2.8	20	
Chlorobenzene	16.75	1.0	20	0.7334	80.1	70 - 114	17.07	1.93	20	
Chloroethane	18.19	1.0	20	0	91.0	70 - 130	18.95	4.09	20	
Chloroform	18.93	1.0	20	0.9064	90.1	70 - 125	20.01	5.53	20	
Chloromethane	21.99	1.0	20	0	110	70 - 130	22.76	3.4	20	
cis-1,2-Dichloroethene	1572	1.0	20	1661	-449	70 - 128	1657	5.32	20	SEO
cis-1,3-Dichloropropene	17.46	1.0	20	0	87.3	70 - 125	18.78	7.25	20	
Cyclohexane	20.22	1.0	20	0	101	70 - 130	20.87	3.16	20	
Dibromochloromethane	21.46	1.0	20	0	107	70 - 124	21.56	0.502	20	
Dichlorodifluoromethane	17.68	1.0	20	0	88.4	70 - 130	18.3	3.43	20	
Ethylbenzene	16.29	1.0	20	0	81.5	70 - 124	17.87	9.27	20	

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120442

QC BATCH REPORT

Batch ID: R454680 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23121011-01MSD** Units: **ug/L** Analysis Date: **20-Dec-2023 05:57**
Client ID: Run ID: **VOA4_454680** SeqNo: **7739460** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	17.06	1.0	20	0	85.3	70 - 130	17.42	2.09	20	
m,p-Xylene	34.26	2.0	40	0	85.6	70 - 130	35.41	3.32	20	
Methyl acetate	17.36	1.0	20	0	86.8	76 - 122	18.17	4.61	20	
Methyl tert-butyl ether	19.69	1.0	20	0.3421	96.7	70 - 130	19.85	0.78	20	
Methylcyclohexane	17.93	1.0	20	0	89.6	61 - 158	18.79	4.7	20	
Methylene chloride	23.74	2.0	20	3.352	102	70 - 128	23.65	0.353	20	
o-Xylene	16.9	1.0	20	0	84.5	70 - 124	17.2	1.77	20	
Styrene	14.89	1.0	20	0	74.4	70 - 130	15.9	6.56	20	
Tetrachloroethene	53080	1.0	20	54620	-7720	70 - 130	54830	3.24	20	SEO
Toluene	17.15	1.0	20	0.5581	83.0	70 - 123	17.81	3.76	20	
trans-1,2-Dichloroethene	30.52	1.0	20	14.35	80.8	70 - 130	31.81	4.12	20	
trans-1,3-Dichloropropene	17.82	1.0	20	0	89.1	70 - 121	18.65	4.55	20	
Trichloroethene	1568	1.0	20	1666	-492	70 - 129	1683	7.09	20	SEO
Trichlorofluoromethane	69.16	1.0	20	53.46	78.5	70 - 130	73.1	5.54	20	
Vinyl chloride	143.3	1.0	20	132.7	52.9	70 - 130	150	4.59	20	SO
Xylenes, Total	51.15	3.0	60	0	85.3	70 - 130	52.61	2.81	20	
Surr: 1,2-Dichloroethane-d4	*58.11*	*1.0*	*50*	*0*	*116*	*70 - 126*	*58.59*	*0.821*	*20*	
Surr: 4-Bromofluorobenzene	*54.1*	*1.0*	*50*	*0*	*108*	*77 - 113*	*53.26*	*1.58*	*20*	
Surr: Dibromofluoromethane	*51.88*	*1.0*	*50*	*0*	*104*	*77 - 123*	*51.5*	*0.724*	*20*	
Surr: Toluene-d8	*49.5*	*1.0*	*50*	*0*	*99.0*	*82 - 127*	*48.4*	*2.26*	*20*	

The following samples were analyzed in this batch: HS23120442-12

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ALS Houston, US Date: 20-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23120442**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

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CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

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ALS Houston, US Date: 20-Dec-23

Sample Receipt Checklist

Work Order ID: HS23120442 **Date/Time Received:** 07-Dec-2023 09:35

Client Name: GHDHouston **Received by:** Corey Grandits

Completed By: /S/ Paresh M. Giga (eSignature) 07-Dec-2023 19:30 (Date/Time) **Reviewed by:** /S/ James Guin (eSignature) 08-Dec-2023 11:09 (Date/Time)

Matrices: GW/Water Carrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:305203/305202
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.9C/1.8C U/C	IR31	
Cooler(s)/Kit(s):	51646		
Date/Time sample(s) sent to storage:	12/7/23 19:50		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Trip Blank logged in on hold

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 2

COC ID: 305203

HS23120442

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	6-10-20231206	12/6/23	1305	GW	8	5	X	X									
2	6-15-20231206	12/6/23	1320	GW	8	5	X	X									
3	6-09-20231206	12/6/23	1245	GW	8	5	X	X									
4	6-47-20231206	12/6/23	1415	GW	8	3	X										
5	6-48B-20231206	12/6/23	1427	GW	8	3	X										
6	6-49B-20231206	12/6/23	1435	GW	8	3	X										
7	DUP-2	12/6/23	—	GW	8	3	X										
8	6-46-20231206	12/6/23	1420	GW	8	3	X										
9	6-45-20231206	12/6/23	1425	GW	8	3	X										
10	6-28-20231206	12/6/23	1445	GW	8	3	X										

Sampler(s) Please Print & Sign: Elizabeth Fain

Shipment Method: Sample cooler / FedEx

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by: Elizabeth Fain Date: 12/6/23 Time: 1700 Received by:

Relinquished by: Date: 12/07/23 Time: 0735 Received by (Laboratory): CC 12/7/23 0935

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.
51646	1.0

QC Package: (Check One Box Below)
[X] Level II Std QC [ ] TRRP Checklist
[ ] Level III Std QC/Raw Data [ ] TRRP Level IV
[ ] Level IV SW846/CLP
[ ] Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Holland, MI +1 616 399 6070

Chain of Custody Form

Page 2 of 2

COC ID: 305202

HS23120442

GHD

12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information	
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023
Work Order		Project Number	12603647
Company Name	GHD	Bill To Company	Transwestern Pipeline Company
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258
Phone	(713) 734-3090	Phone	
Fax	(713) 734-3391	Fax	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com

A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
F	
G	
H	
I	
J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	G-33-20231206	12/6/23	1440	GW	8	3	X										
2	G-48-20231206	12/6/23	1430	GW	8	3	X										
3	trip blank																
4	temp blank																
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Elizabeth Fain

Shipment Method: sample cooler/FedEx

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by: Elizabeth Fain Date: 12/6/23 Time: 1700

Relinquished by: Date: 12/07/23 Time: 9:35

Received by:

Received by (Laboratory):

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.
5164G	1.9

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SVOA/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

JR231

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ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

(281) 530 – 5656
REF: LAGUNA 2023 – BO97244 – JG
RMA:

FedEx Express

FedEx
TRK# 0221 6862 6799 5035

THU – 07 DEC 12:00P
PRIORITY OVERNIGHT

CUSTODY SEAL
Date: 12/6/23 Time: 1700
Name: Brigham Fun
Company: GHD

Seal Broken By:
Date:

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10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

December 26, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23120380**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 6 sample(s) on Dec 07, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23120380

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23120380-01	12603647-TB01	Water		06-Dec-2023 00:00	07-Dec-2023 09:35	☐
HS23120380-02	6-21B-20231206	Water		06-Dec-2023 09:25	07-Dec-2023 09:35	☐
HS23120380-03	6-21C-20231206	Water		06-Dec-2023 09:35	07-Dec-2023 09:35	☐
HS23120380-04	6-22B-20231206	Water		06-Dec-2023 09:55	07-Dec-2023 09:35	☐
HS23120380-05	6-22C-20231206	Water		06-Dec-2023 10:05	07-Dec-2023 09:35	☐
HS23120380-06	6-20B-20231206	Water		06-Dec-2023 12:30	07-Dec-2023 09:35	☐

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ALS Houston, US Date: 26-Dec-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23120380

Work Order Comments

• Login Comments: Sample ID 6-21C-20231206 - Received 1 (1) liter amber.
Sample ID 6-22B-20231206 - PCB amber leaked in cooler, insufficient volume for analysis.
Sample ID 6-20B20231206 - TOC bottles not received in cooler.

ECD Organics by Method SW8082

Batch ID: 204893

Sample ID: MBLK-204893

• Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GCMS Volatiles by Method SW8260

Batch ID: R454400

Sample ID: 6-21C-20231206 (HS23120380-03)

• Lowest practical dilution due to matrix. Sample is very oily.

Sample ID: CCV

• 1,1,2-Trichlor-1,2,2-trifluoroethane exceeded %D limits for CCV .Samples are ND for this compound.

Sample ID: VLCSW-231215

• Bromomethane and 1,1,2-Trichlor-1,2,2-trifluoroethane also high for LCS. Samples are ND for these compounds.

Sample ID: HS23120581-01MS

• MS/MSD was performed on an unrelated sample.

Batch ID: R454568

Sample ID: HS23121060-05MS

• MS and MSD are for an unrelated sample

Batch ID: R454404

Sample ID: CCV

• 1,1,2-Trichlor-1,2,2-trifluoroethane exceeded %D limits for CCV. Samples are ND for this compound.

Sample ID: VLCSW-231216

• 1,1,2-Trichlor-1,2,2-trifluoroethane and Bromomethane exceeded QC limits for LCS. Samples are ND for these compounds.

Sample ID: HS23120989-18MS

• MS/MSD was performed on an unrelated sample.

WetChemistry by Method SW9060

Batch ID: R455007

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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ALS Houston, US Date: 26-Dec-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23120380

WetChemistry by Method E300

Batch ID: R453560

Sample ID: 6-21B-20231206 (HS23120380-02)

- The reporting limit is elevated due to dilution for high concentrations of non-target analytes. (Nitrate/Nitrite (as N),Nitrogen, Nitrate (As N),Nitrogen, Nitrite (As N))

Sample ID: HS23120358-03MS

- MS and MSD are for an unrelated sample (Sulfate)

Sample ID: HS23120388-01MS

- MS and MSD are for an unrelated sample (Sulfate)

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,1-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,1-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,2-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 01:18
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 01:18
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 01:18
Acetone	U		0.0020	mg/L	1	16-Dec-2023 01:18
Benzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 01:18
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 01:18
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 01:18
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 01:18
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:18
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 01:18
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 01:18
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 01:18
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 01:18
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 01:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 12603647-TB01
Collection Date: 06-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 01:18
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Styrene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Toluene	U		0.0010	mg/L	1	16-Dec-2023 01:18
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:18
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:18
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 01:18
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 01:18
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 01:18
Surr: 1,2-Dichloroethane-d4	*84.3*		*70-126*	*%REC*	*1*	*16-Dec-2023 01:18*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*16-Dec-2023 01:18*
Surr: Dibromofluoromethane	*83.5*		*77-123*	*%REC*	*1*	*16-Dec-2023 01:18*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*1*	*16-Dec-2023 01:18*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21B-20231206
Collection Date: 06-Dec-2023 09:25

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,1-Dichloroethane	**0.010**		**0.0010**	**mg/L**	1	16-Dec-2023 03:32
1,1-Dichloroethene	**0.0073**		**0.0010**	**mg/L**	1	16-Dec-2023 03:32
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,2-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
2-Butanone	**0.0026**		**0.0020**	**mg/L**	1	16-Dec-2023 03:32
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 03:32
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 03:32
Acetone	**0.012**		**0.0020**	**mg/L**	1	16-Dec-2023 03:32
Benzene	**0.0016**		**0.0010**	**mg/L**	1	16-Dec-2023 03:32
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 03:32
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 03:32
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 03:32
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Chloroethane	**0.0064**		**0.0010**	**mg/L**	1	16-Dec-2023 03:32
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 03:32
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:32
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 03:32
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 03:32
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 03:32
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 03:32
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 03:32
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 03:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21B-20231206
Collection Date: 06-Dec-2023 09:25

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 03:32
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Styrene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Toluene	U		0.0010	mg/L	1	16-Dec-2023 03:32
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:32
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:32
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 03:32
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 03:32
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 03:32
Surr: 1,2-Dichloroethane-d4	*85.5*		*70-126*	*%REC*	*1*	*16-Dec-2023 03:32*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*16-Dec-2023 03:32*
Surr: Dibromofluoromethane	*85.5*		*77-123*	*%REC*	*1*	*16-Dec-2023 03:32*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*1*	*16-Dec-2023 03:32*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 16:33
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 16:33
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 16:33
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 16:33
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 16:33
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 16:33
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 16:33
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 16:33
Surr: Decachlorobiphenyl	*105*		*54-140*	*%REC*	*1*	*15-Dec-2023 16:33*
Surr: Tetrachloro-m-xylene	*92.5*		*53-137*	*%REC*	*1*	*15-Dec-2023 16:33*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		1.00	mg/L	10	07-Dec-2023 19:25
Nitrogen, Nitrite (As N)	U		1.00	mg/L	10	07-Dec-2023 19:25
Sulfate	**341**		**5.00**	**mg/L**	10	07-Dec-2023 19:25
Nitrate/Nitrite (as N)	U		2.00	mg/L	10	07-Dec-2023 19:25
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**44.6**		**1.00**	**mg/L**	1	22-Dec-2023 11:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21C-20231206
Collection Date: 06-Dec-2023 09:35

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,1,2,2-Tetrachloroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,1,2-Trichlor-1,2,2-trifluoroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,1,2-Trichloroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,1-Dichloroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,1-Dichloroethene	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,2,4-Trichlorobenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,2-Dibromo-3-chloropropane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,2-Dibromoethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,2-Dichlorobenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,2-Dichloroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,2-Dichloropropane	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,3-Dichlorobenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
1,4-Dichlorobenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
2-Butanone	U		2.0	mg/L	1000	16-Dec-2023 09:31
2-Hexanone	U		2.0	mg/L	1000	16-Dec-2023 09:31
4-Methyl-2-pentanone	U		2.0	mg/L	1000	16-Dec-2023 09:31
Acetone	U		2.0	mg/L	1000	16-Dec-2023 09:31
Benzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Bromodichloromethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Bromoform	U		1.0	mg/L	1000	16-Dec-2023 09:31
Bromomethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Carbon disulfide	U		2.0	mg/L	1000	16-Dec-2023 09:31
Carbon tetrachloride	U		1.0	mg/L	1000	16-Dec-2023 09:31
Chlorobenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Chloroethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Chloroform	U		1.0	mg/L	1000	16-Dec-2023 09:31
Chloromethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
cis-1,2-Dichloroethene	U		1.0	mg/L	1000	16-Dec-2023 09:31
cis-1,3-Dichloropropene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Cyclohexane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Dibromochloromethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Dichlorodifluoromethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Ethylbenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Isopropylbenzene	U		1.0	mg/L	1000	16-Dec-2023 09:31
m,p-Xylene	U		2.0	mg/L	1000	16-Dec-2023 09:31
Methyl acetate	U		1.0	mg/L	1000	16-Dec-2023 09:31
Methyl tert-butyl ether	U		1.0	mg/L	1000	16-Dec-2023 09:31
Methylcyclohexane	U		1.0	mg/L	1000	16-Dec-2023 09:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-21C-20231206
Collection Date: 06-Dec-2023 09:35

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		2.0	mg/L	1000	16-Dec-2023 09:31
o-Xylene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Styrene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Tetrachloroethene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Toluene	U		1.0	mg/L	1000	16-Dec-2023 09:31
trans-1,2-Dichloroethene	U		1.0	mg/L	1000	16-Dec-2023 09:31
trans-1,3-Dichloropropene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Trichloroethene	U		1.0	mg/L	1000	16-Dec-2023 09:31
Trichlorofluoromethane	U		1.0	mg/L	1000	16-Dec-2023 09:31
Vinyl chloride	U		1.0	mg/L	1000	16-Dec-2023 09:31
Xylenes, Total	U		3.0	mg/L	1000	16-Dec-2023 09:31
Surr: 1,2-Dichloroethane-d4	*86.6*		*70-126*	*%REC*	*1000*	*16-Dec-2023 09:31*
Surr: 4-Bromofluorobenzene	*102*		*77-113*	*%REC*	*1000*	*16-Dec-2023 09:31*
Surr: Dibromofluoromethane	*84.6*		*77-123*	*%REC*	*1000*	*16-Dec-2023 09:31*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*1000*	*16-Dec-2023 09:31*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 16:45
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 16:45
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 16:45
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 16:45
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 16:45
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 16:45
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 16:45
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 16:45
Surr: Decachlorobiphenyl	*103*		*54-140*	*%REC*	*1*	*15-Dec-2023 16:45*
Surr: Tetrachloro-m-xylene	*115*		*53-137*	*%REC*	*1*	*15-Dec-2023 16:45*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	**9.95**		**1.00**	**mg/L**	10	07-Dec-2023 19:37
Nitrogen, Nitrite (As N)	U		1.00	mg/L	10	07-Dec-2023 19:37
Sulfate	**9.68**		**5.00**	**mg/L**	10	07-Dec-2023 19:37
Nitrate/Nitrite (as N)	**9.95**		**2.00**	**mg/L**	10	07-Dec-2023 19:37
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**1,020**		**100**	**mg/L**	100	22-Dec-2023 19:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22B-20231206
Collection Date: 06-Dec-2023 09:55

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,1,2-Trichloroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,1-Dichloroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,1-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,2-Dibromoethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,2-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,2-Dichloroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,2-Dichloropropane	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,3-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
1,4-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
2-Butanone	U		0.0020	mg/L	1	17-Dec-2023 04:43
2-Hexanone	U		0.0020	mg/L	1	17-Dec-2023 04:43
4-Methyl-2-pentanone	U		0.0020	mg/L	1	17-Dec-2023 04:43
Acetone	U		0.0020	mg/L	1	17-Dec-2023 04:43
Benzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Bromodichloromethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Bromoform	U		0.0010	mg/L	1	17-Dec-2023 04:43
Bromomethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Carbon disulfide	U		0.0020	mg/L	1	17-Dec-2023 04:43
Carbon tetrachloride	U		0.0010	mg/L	1	17-Dec-2023 04:43
Chlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Chloroethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Chloroform	U		0.0010	mg/L	1	17-Dec-2023 04:43
Chloromethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 04:43
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Cyclohexane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Dibromochloromethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Dichlorodifluoromethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Ethylbenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Isopropylbenzene	U		0.0010	mg/L	1	17-Dec-2023 04:43
m,p-Xylene	U		0.0020	mg/L	1	17-Dec-2023 04:43
Methyl acetate	U		0.0010	mg/L	1	17-Dec-2023 04:43
Methyl tert-butyl ether	U		0.0010	mg/L	1	17-Dec-2023 04:43
Methylcyclohexane	U		0.0010	mg/L	1	17-Dec-2023 04:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22B-20231206
Collection Date: 06-Dec-2023 09:55

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	17-Dec-2023 04:43
o-Xylene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Styrene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Tetrachloroethene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Toluene	U		0.0010	mg/L	1	17-Dec-2023 04:43
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 04:43
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Trichloroethene	U		0.0010	mg/L	1	17-Dec-2023 04:43
Trichlorofluoromethane	U		0.0010	mg/L	1	17-Dec-2023 04:43
Vinyl chloride	U		0.0010	mg/L	1	17-Dec-2023 04:43
Xylenes, Total	U		0.0030	mg/L	1	17-Dec-2023 04:43
Surr: 1,2-Dichloroethane-d4	*84.9*		*70-126*	*%REC*	*1*	*17-Dec-2023 04:43*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*17-Dec-2023 04:43*
Surr: Dibromofluoromethane	*86.5*		*77-123*	*%REC*	*1*	*17-Dec-2023 04:43*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*1*	*17-Dec-2023 04:43*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 16:58
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 16:58
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 16:58
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 16:58
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 16:58
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 16:58
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 16:58
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 16:58
Surr: Decachlorobiphenyl	*114*		*54-140*	*%REC*	*1*	*15-Dec-2023 16:58*
Surr: Tetrachloro-m-xylene	*102*		*53-137*	*%REC*	*1*	*15-Dec-2023 16:58*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		1.00	mg/L	10	07-Dec-2023 19:49
Nitrogen, Nitrite (As N)	U		1.00	mg/L	10	07-Dec-2023 19:49
Sulfate	**573**		**10.0**	**mg/L**	20	07-Dec-2023 19:55
Nitrate/Nitrite (as N)	U		2.00	mg/L	10	07-Dec-2023 19:49
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**20.6**		**1.00**	**mg/L**	1	22-Dec-2023 12:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22C-20231206
Collection Date: 06-Dec-2023 10:05

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,1,2-Trichloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,1-Dichloroethane	**0.0016**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06
1,1-Dichloroethene	**0.0038**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,2-Dibromoethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,2-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,2-Dichloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,2-Dichloropropane	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,3-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:06
1,4-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:06
2-Butanone	**0.45**		**0.010**	**mg/L**	5	19-Dec-2023 06:38
2-Hexanone	U		0.0020	mg/L	1	17-Dec-2023 05:06
4-Methyl-2-pentanone	**0.020**		**0.0020**	**mg/L**	1	17-Dec-2023 05:06
Acetone	**0.090**		**0.0020**	**mg/L**	1	17-Dec-2023 05:06
Benzene	**0.0066**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06
Bromodichloromethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Bromoform	U		0.0010	mg/L	1	17-Dec-2023 05:06
Bromomethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Carbon disulfide	U		0.0020	mg/L	1	17-Dec-2023 05:06
Carbon tetrachloride	U		0.0010	mg/L	1	17-Dec-2023 05:06
Chlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:06
Chloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Chloroform	U		0.0010	mg/L	1	17-Dec-2023 05:06
Chloromethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:06
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	17-Dec-2023 05:06
Cyclohexane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Dibromochloromethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Dichlorodifluoromethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Ethylbenzene	**0.0018**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06
Isopropylbenzene	U		0.0010	mg/L	1	17-Dec-2023 05:06
m,p-Xylene	**0.0058**		**0.0020**	**mg/L**	1	17-Dec-2023 05:06
Methyl acetate	U		0.0010	mg/L	1	17-Dec-2023 05:06
Methyl tert-butyl ether	U		0.0010	mg/L	1	17-Dec-2023 05:06
Methylcyclohexane	**0.0011**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-22C-20231206
Collection Date: 06-Dec-2023 10:05

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	17-Dec-2023 05:06
o-Xylene	**0.0040**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06
Styrene	U		0.0010	mg/L	1	17-Dec-2023 05:06
Tetrachloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:06
Toluene	**0.0079**		**0.0010**	**mg/L**	1	17-Dec-2023 05:06
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:06
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	17-Dec-2023 05:06
Trichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:06
Trichlorofluoromethane	U		0.0010	mg/L	1	17-Dec-2023 05:06
Vinyl chloride	U		0.0010	mg/L	1	17-Dec-2023 05:06
Xylenes, Total	**0.0097**		**0.0030**	**mg/L**	1	17-Dec-2023 05:06
Surr: 1,2-Dichloroethane-d4	*84.9*		*70-126*	*%REC*	*1*	*17-Dec-2023 05:06*
Surr: 1,2-Dichloroethane-d4	*86.2*		*70-126*	*%REC*	*5*	*19-Dec-2023 06:38*
Surr: 4-Bromofluorobenzene	*108*		*77-113*	*%REC*	*1*	*17-Dec-2023 05:06*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*5*	*19-Dec-2023 06:38*
Surr: Dibromofluoromethane	*84.6*		*77-123*	*%REC*	*1*	*17-Dec-2023 05:06*
Surr: Dibromofluoromethane	*85.0*		*77-123*	*%REC*	*5*	*19-Dec-2023 06:38*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*1*	*17-Dec-2023 05:06*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*5*	*19-Dec-2023 06:38*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	**0.169**		**0.0250**	**mg/L**	50	18-Dec-2023 12:52
Aroclor 1221	U		0.0250	mg/L	50	18-Dec-2023 12:52
Aroclor 1232	U		0.0250	mg/L	50	18-Dec-2023 12:52
Aroclor 1242	U		0.0250	mg/L	50	18-Dec-2023 12:52
Aroclor 1248	U		0.0250	mg/L	50	18-Dec-2023 12:52
Aroclor 1254	U		0.0250	mg/L	50	18-Dec-2023 12:52
Aroclor 1260	U		0.0250	mg/L	50	18-Dec-2023 12:52
PCBs (Total)	**0.169**		**0.0250**	**mg/L**	50	18-Dec-2023 12:52
Surr: Decachlorobiphenyl	*94.2*	*J*	*54-140*	*%REC*	*50*	*18-Dec-2023 12:52*
Surr: Tetrachloro-m-xylene	*109*	*J*	*53-137*	*%REC*	*50*	*18-Dec-2023 12:52*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	07-Dec-2023 20:01
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	07-Dec-2023 20:01
Sulfate	**1.48**		**0.500**	**mg/L**	1	07-Dec-2023 20:01
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	07-Dec-2023 20:01
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**205**		**20.0**	**mg/L**	20	22-Dec-2023 18:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20B-20231206
Collection Date: 06-Dec-2023 12:30

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,1-Dichloroethane	**0.039**		**0.0010**	**mg/L**	1	16-Dec-2023 03:55
1,1-Dichloroethene	**0.0076**		**0.0010**	**mg/L**	1	16-Dec-2023 03:55
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,2-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 03:55
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 03:55
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 03:55
Acetone	U		0.0020	mg/L	1	16-Dec-2023 03:55
Benzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 03:55
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 03:55
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 03:55
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 03:55
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:55
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 03:55
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 03:55
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 03:55
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 03:55
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 03:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-20B-20231206
Collection Date: 06-Dec-2023 12:30

ANALYTICAL REPORT
WorkOrder:HS23120380
Lab ID:HS23120380-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 03:55
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Styrene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Toluene	U		0.0010	mg/L	1	16-Dec-2023 03:55
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:55
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 03:55
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 03:55
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 03:55
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 03:55
Surr: 1,2-Dichloroethane-d4	*84.1*		*70-126*	*%REC*	*1*	*16-Dec-2023 03:55*
Surr: 4-Bromofluorobenzene	*102*		*77-113*	*%REC*	*1*	*16-Dec-2023 03:55*
Surr: Dibromofluoromethane	*83.8*		*77-123*	*%REC*	*1*	*16-Dec-2023 03:55*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*1*	*16-Dec-2023 03:55*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 17:23
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 17:23
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 17:23
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 17:23
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 17:23
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 17:23
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 17:23
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 17:23
Surr: Decachlorobiphenyl	*108*		*54-140*	*%REC*	*1*	*15-Dec-2023 17:23*
Surr: Tetrachloro-m-xylene	*84.8*		*53-137*	*%REC*	*1*	*15-Dec-2023 17:23*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US

Date: 26-Dec-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

Batch ID: 204893 **Start Date:** 15 Dec 2023 14:34 **End Date:** 15 Dec 2023 14:34
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23120380-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120380-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120380-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120380-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120380-06	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 204893 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** Water	
HS23120380-02	6-21B-20231206	06 Dec 2023 09:25		15 Dec 2023 14:34	15 Dec 2023 16:33	1
HS23120380-03	6-21C-20231206	06 Dec 2023 09:35		15 Dec 2023 14:34	15 Dec 2023 16:45	1
HS23120380-04	6-22B-20231206	06 Dec 2023 09:55		15 Dec 2023 14:34	15 Dec 2023 16:58	1
HS23120380-05	6-22C-20231206	06 Dec 2023 10:05		15 Dec 2023 14:34	18 Dec 2023 12:52	50
HS23120380-06	6-20B-20231206	06 Dec 2023 12:30		15 Dec 2023 14:34	15 Dec 2023 17:23	1
Batch ID: R453560 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS23120380-02	6-21B-20231206	06 Dec 2023 09:25			07 Dec 2023 19:25	10
HS23120380-03	6-21C-20231206	06 Dec 2023 09:35			07 Dec 2023 19:37	10
HS23120380-04	6-22B-20231206	06 Dec 2023 09:55			07 Dec 2023 19:55	20
HS23120380-04	6-22B-20231206	06 Dec 2023 09:55			07 Dec 2023 19:49	10
HS23120380-05	6-22C-20231206	06 Dec 2023 10:05			07 Dec 2023 20:01	1
Batch ID: R454400 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23120380-01	12603647-TB01	06 Dec 2023 00:00			16 Dec 2023 01:18	1
HS23120380-02	6-21B-20231206	06 Dec 2023 09:25			16 Dec 2023 03:32	1
HS23120380-03	6-21C-20231206	06 Dec 2023 09:35			16 Dec 2023 09:31	1000
HS23120380-06	6-20B-20231206	06 Dec 2023 12:30			16 Dec 2023 03:55	1
Batch ID: R454404 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23120380-04	6-22B-20231206	06 Dec 2023 09:55			17 Dec 2023 04:43	1
HS23120380-05	6-22C-20231206	06 Dec 2023 10:05			17 Dec 2023 05:06	1
Batch ID: R454568 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23120380-05	6-22C-20231206	06 Dec 2023 10:05			19 Dec 2023 06:38	5
Batch ID: R455007 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** Water	
HS23120380-02	6-21B-20231206	06 Dec 2023 09:25			22 Dec 2023 11:42	1
HS23120380-03	6-21C-20231206	06 Dec 2023 09:35			22 Dec 2023 19:12	100
HS23120380-04	6-22B-20231206	06 Dec 2023 09:55			22 Dec 2023 12:44	1
HS23120380-05	6-22C-20231206	06 Dec 2023 10:05			22 Dec 2023 18:36	20

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: 204893 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 17:48**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733578** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.2113*	*0.0500*	*0.2*	*0*	*106*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1893*	*0.0500*	*0.2*	*0*	*94.7*	*53 - 137*				

LCS Sample ID: **LCS-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:01**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733579** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5.056	0.500	5	0	101	54 - 138				
Aroclor 1260	5.948	0.500	5	0	119	57 - 136				
PCBs (Total)	11	0.500	10	0	110	57 - 136				
Surr: Decachlorobiphenyl	*0.2169*	*0.0500*	*0.2*	*0*	*108*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1967*	*0.0500*	*0.2*	*0*	*98.3*	*53 - 137*				

LCSD Sample ID: **LCSD-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:13**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733580** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.184	0.500	5	0	83.7	54 - 138	5.056	18.9	20	
Aroclor 1260	5.773	0.500	5	0	115	57 - 136	5.948	2.98	20	
PCBs (Total)	9.957	0.500	10	0	99.6	57 - 136	11	9.99		
Surr: Decachlorobiphenyl	*0.214*	*0.0500*	*0.2*	*0*	*107*	*54 - 140*	*0.2169*	*1.37*	*20*	
Surr: Tetrachloro-m-xylene	*0.1889*	*0.0500*	*0.2*	*0*	*94.5*	*53 - 137*	*0.1967*	*4.02*	*20*	

The following samples were analyzed in this batch: HS23120380-02 HS23120380-03 HS23120380-04 HS23120380-05 HS23120380-06

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:55**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732732** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:55**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732732** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*42.24*	*1.0*	*50*	*0*	*84.5*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*51.19*	*1.0*	*50*	*0*	*102*	*77 - 113*			
Surr: Dibromofluoromethane	*42.13*	*1.0*	*50*	*0*	*84.3*	*73 - 126*			
Surr: Toluene-d8	*55.16*	*1.0*	*50*	*0*	*110*	*81 - 120*			

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:11**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732731** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.43	1.0	20	0	112	70 - 130				
1,1,2,2-Tetrachloroethane	19.41	1.0	20	0	97.1	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	26.36	1.0	20	0	132	70 - 130				S
1,1,2-Trichloroethane	20.22	1.0	20	0	101	77 - 113				
1,1-Dichloroethane	20.22	1.0	20	0	101	71 - 122				
1,1-Dichloroethene	22.62	1.0	20	0	113	70 - 130				
1,2,4-Trichlorobenzene	19.97	1.0	20	0	99.8	77 - 126				
1,2-Dibromo-3-chloropropane	18.36	1.0	20	0	91.8	70 - 130				
1,2-Dibromoethane	20.2	1.0	20	0	101	76 - 123				
1,2-Dichlorobenzene	18.96	1.0	20	0	94.8	77 - 113				
1,2-Dichloroethane	20.04	1.0	20	0	100	70 - 124				
1,2-Dichloropropane	19.18	1.0	20	0	95.9	72 - 119				
1,3-Dichlorobenzene	19.03	1.0	20	0	95.1	78 - 118				
1,4-Dichlorobenzene	18.86	1.0	20	0	94.3	79 - 113				
2-Butanone	37.48	2.0	40	0	93.7	70 - 130				
2-Hexanone	35.79	2.0	40	0	89.5	70 - 130				
4-Methyl-2-pentanone	35.85	2.0	40	0	89.6	70 - 130				
Acetone	44.89	2.0	40	0	112	70 - 130				
Benzene	20.04	1.0	20	0	100	74 - 120				
Bromodichloromethane	19.67	1.0	20	0	98.4	74 - 122				
Bromoform	18.36	1.0	20	0	91.8	73 - 128				
Bromomethane	28.02	1.0	20	0	140	70 - 130				S
Carbon disulfide	45.6	2.0	40	0	114	70 - 130				
Carbon tetrachloride	21.4	1.0	20	0	107	71 - 125				
Chlorobenzene	19.35	1.0	20	0	96.7	76 - 113				
Chloroethane	22.09	1.0	20	0	110	70 - 130				
Chloroform	20.87	1.0	20	0	104	71 - 121				
Chloromethane	19.03	1.0	20	0	95.1	70 - 129				
cis-1,2-Dichloroethene	20.61	1.0	20	0	103	75 - 122				
cis-1,3-Dichloropropene	18.34	1.0	20	0	91.7	73 - 127				
Cyclohexane	22.34	1.0	20	0	112	70 - 130				
Dibromochloromethane	19.95	1.0	20	0	99.7	77 - 122				
Dichlorodifluoromethane	20.45	1.0	20	0	102	70 - 130				
Ethylbenzene	20.7	1.0	20	0	103	77 - 117				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:11**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732731** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22.22	1.0	20	0	111	73 - 127				
m,p-Xylene	43.95	2.0	40	0	110	77 - 122				
Methyl acetate	20.96	1.0	20	0	105	76 - 122				
Methyl tert-butyl ether	20.1	1.0	20	0	101	70 - 130				
Methylcyclohexane	20.14	1.0	20	0	101	61 - 157				
Methylene chloride	22.9	2.0	20	0	114	70 - 127				
o-Xylene	20.9	1.0	20	0	104	75 - 119				
Styrene	21.88	1.0	20	0	109	72 - 126				
Tetrachloroethene	22.01	1.0	20	0	110	76 - 119				
Toluene	20.97	1.0	20	0	105	77 - 118				
trans-1,2-Dichloroethene	22.41	1.0	20	0	112	72 - 127				
trans-1,3-Dichloropropene	18.58	1.0	20	0	92.9	77 - 119				
Trichloroethene	20.73	1.0	20	0	104	77 - 121				
Trichlorofluoromethane	24.14	1.0	20	0	121	70 - 130				
Vinyl chloride	20.85	1.0	20	0	104	70 - 130				
Xylenes, Total	64.85	3.0	60	0	108	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.06*	*1.0*	*50*	*0*	*106*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.29*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*53.38*	*1.0*	*50*	*0*	*107*	*73 - 126*				
Surr: Toluene-d8	*51.31*	*1.0*	*50*	*0*	*103*	*81 - 120*				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120581-01MS** Units: **ug/L** Analysis Date: **16-Dec-2023 02:25**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732736** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.92	1.0	20	0	84.6	70 - 130				
1,1,2,2-Tetrachloroethane	20.84	1.0	20	0	104	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.72	1.0	20	0	98.6	70 - 130				
1,1,2-Trichloroethane	36.48	1.0	20	14.15	112	70 - 117				
1,1-Dichloroethane	165.9	1.0	20	154.8	55.7	70 - 127				SO
1,1-Dichloroethene	31.87	1.0	20	15.17	83.5	70 - 130				
1,2,4-Trichlorobenzene	20.3	1.0	20	0	102	70 - 125				
1,2-Dibromo-3-chloropropane	19.72	1.0	20	0	98.6	70 - 130				
1,2-Dibromoethane	20.16	1.0	20	0	101	70 - 124				
1,2-Dichlorobenzene	20.01	1.0	20	0	100	70 - 115				
1,2-Dichloroethane	45.25	1.0	20	27.62	88.1	70 - 127				
1,2-Dichloropropane	17.48	1.0	20	0	87.4	70 - 122				
1,3-Dichlorobenzene	19.67	1.0	20	0	98.4	70 - 119				
1,4-Dichlorobenzene	19.63	1.0	20	0	98.2	70 - 114				
2-Butanone	26.52	2.0	40	0	66.3	70 - 130				S
2-Hexanone	38.05	2.0	40	0	95.1	70 - 130				
4-Methyl-2-pentanone	37.97	2.0	40	0	94.9	70 - 130				
Acetone	30.35	2.0	40	0	75.9	70 - 130				
Benzene	21.76	1.0	20	3.549	91.0	70 - 127				
Bromodichloromethane	17.5	1.0	20	0	87.5	70 - 124				
Bromoform	19.61	1.0	20	0	98.1	70 - 129				
Bromomethane	19.46	1.0	20	0	97.3	70 - 130				
Carbon disulfide	34.21	2.0	40	0	85.5	70 - 130				
Carbon tetrachloride	20.31	1.0	20	0	102	70 - 130				
Chlorobenzene	21.29	1.0	20	0	106	70 - 114				
Chloroethane	28.53	1.0	20	12.98	77.7	70 - 130				
Chloroform	66.29	1.0	20	51.55	73.7	70 - 125				
Chloromethane	13.2	1.0	20	0	66.0	70 - 130				S
cis-1,2-Dichloroethene	66.36	1.0	20	51.64	73.6	70 - 128				
cis-1,3-Dichloropropene	16.63	1.0	20	0	83.1	70 - 125				
Cyclohexane	16.74	1.0	20	0	83.7	70 - 130				
Dibromochloromethane	20.14	1.0	20	0	101	70 - 124				
Dichlorodifluoromethane	10.58	1.0	20	0	52.9	70 - 130				S
Ethylbenzene	20.56	1.0	20	0	103	70 - 124				

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Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120581-01MS** Units: **ug/L** Analysis Date: **16-Dec-2023 02:25**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732736** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	22.83	1.0	20	0	114	70 - 130			
m,p-Xylene	44.22	2.0	40	0	111	70 - 130			
Methyl acetate	14.24	1.0	20	0	71.2	76 - 122			S
Methyl tert-butyl ether	17.24	1.0	20	0	86.2	70 - 130			
Methylcyclohexane	20.43	1.0	20	0	102	61 - 158			
Methylene chloride	18.15	2.0	20	1.205	84.7	70 - 128			
o-Xylene	21.59	1.0	20	0	108	70 - 124			
Styrene	21.58	1.0	20	0	108	70 - 130			
Tetrachloroethene	41.82	1.0	20	19.04	114	70 - 130			
Toluene	21.47	1.0	20	0	107	70 - 123			
trans-1,2-Dichloroethene	133.6	1.0	20	120.5	65.5	70 - 130			SO
trans-1,3-Dichloropropene	17.37	1.0	20	0	86.9	70 - 121			
Trichloroethene	105.1	1.0	20	86.35	93.6	70 - 129			O
Trichlorofluoromethane	18.38	1.0	20	0	91.9	70 - 130			
Vinyl chloride	111.7	1.0	20	99.13	62.7	70 - 130			SO
Xylenes, Total	65.81	3.0	60	0	110	70 - 130			
Surr: 1,2-Dichloroethane-d4	*40.39*	*1.0*	*50*	*0*	*80.8*	*70 - 126*			
Surr: 4-Bromofluorobenzene	*54.23*	*1.0*	*50*	*0*	*108*	*77 - 113*			
Surr: Dibromofluoromethane	*41.43*	*1.0*	*50*	*0*	*82.9*	*77 - 123*			
Surr: Toluene-d8	*54.93*	*1.0*	*50*	*0*	*110*	*82 - 127*			

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120581-01MSD** Units: **ug/L** Analysis Date: **16-Dec-2023 02:48**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732737** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.99	1.0	20	0	84.9	70 - 130	16.92	0.413	20	
1,1,2,2-Tetrachloroethane	20.64	1.0	20	0	103	70 - 123	20.84	0.934	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	19.82	1.0	20	0	99.1	70 - 130	19.72	0.514	20	
1,1,2-Trichloroethane	36.02	1.0	20	14.15	109	70 - 117	36.48	1.24	20	
1,1-Dichloroethane	165.2	1.0	20	154.8	52.3	70 - 127	165.9	0.414	20	SO
1,1-Dichloroethene	32.34	1.0	20	15.17	85.9	70 - 130	31.87	1.46	20	
1,2,4-Trichlorobenzene	20.13	1.0	20	0	101	70 - 125	20.3	0.83	20	
1,2-Dibromo-3-chloropropane	19.51	1.0	20	0	97.6	70 - 130	19.72	1.07	20	
1,2-Dibromoethane	19.56	1.0	20	0	97.8	70 - 124	20.16	3	20	
1,2-Dichlorobenzene	19.85	1.0	20	0	99.2	70 - 115	20.01	0.813	20	
1,2-Dichloroethane	44.67	1.0	20	27.62	85.2	70 - 127	45.25	1.29	20	
1,2-Dichloropropane	17.02	1.0	20	0	85.1	70 - 122	17.48	2.67	20	
1,3-Dichlorobenzene	20.03	1.0	20	0	100	70 - 119	19.67	1.77	20	
1,4-Dichlorobenzene	19.19	1.0	20	0	96.0	70 - 114	19.63	2.25	20	
2-Butanone	26.23	2.0	40	0	65.6	70 - 130	26.52	1.12	20	S
2-Hexanone	36.84	2.0	40	0	92.1	70 - 130	38.05	3.23	20	
4-Methyl-2-pentanone	37.55	2.0	40	0	93.9	70 - 130	37.97	1.12	20	
Acetone	30.76	2.0	40	0	76.9	70 - 130	30.35	1.34	20	
Benzene	21.22	1.0	20	3.549	88.4	70 - 127	21.76	2.49	20	
Bromodichloromethane	17.67	1.0	20	0	88.4	70 - 124	17.5	0.95	20	
Bromoform	18.79	1.0	20	0	94.0	70 - 129	19.61	4.27	20	
Bromomethane	18.24	1.0	20	0	91.2	70 - 130	19.46	6.47	20	
Carbon disulfide	34.15	2.0	40	0	85.4	70 - 130	34.21	0.166	20	
Carbon tetrachloride	20	1.0	20	0	100.0	70 - 130	20.31	1.55	20	
Chlorobenzene	20.12	1.0	20	0	101	70 - 114	21.29	5.65	20	
Chloroethane	27.79	1.0	20	12.98	74.0	70 - 130	28.53	2.65	20	
Chloroform	65.14	1.0	20	51.55	67.9	70 - 125	66.29	1.75	20	S
Chloromethane	12.69	1.0	20	0	63.4	70 - 130	13.2	4.01	20	S
cis-1,2-Dichloroethene	66.68	1.0	20	51.64	75.2	70 - 128	66.36	0.49	20	
cis-1,3-Dichloropropene	16.48	1.0	20	0	82.4	70 - 125	16.63	0.874	20	
Cyclohexane	16.49	1.0	20	0	82.5	70 - 130	16.74	1.49	20	
Dibromochloromethane	19.73	1.0	20	0	98.6	70 - 124	20.14	2.09	20	
Dichlorodifluoromethane	10.12	1.0	20	0	50.6	70 - 130	10.58	4.44	20	S
Ethylbenzene	20.22	1.0	20	0	101	70 - 124	20.56	1.65	20	

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23120581-01MSD** Units: **ug/L** Analysis Date: **16-Dec-2023 02:48**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732737** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	22.04	1.0	20	0	110	70 - 130	22.83	3.51	20	
m,p-Xylene	42.98	2.0	40	0	107	70 - 130	44.22	2.86	20	
Methyl acetate	13.73	1.0	20	0	68.6	76 - 122	14.24	3.64	20	S
Methyl tert-butyl ether	17.42	1.0	20	0	87.1	70 - 130	17.24	1.04	20	
Methylcyclohexane	20.12	1.0	20	0	101	61 - 158	20.43	1.52	20	
Methylene chloride	18.62	2.0	20	1.205	87.1	70 - 128	18.15	2.59	20	
o-Xylene	20.75	1.0	20	0	104	70 - 124	21.59	3.94	20	
Styrene	21.43	1.0	20	0	107	70 - 130	21.58	0.692	20	
Tetrachloroethene	39.12	1.0	20	19.04	100	70 - 130	41.82	6.67	20	
Toluene	20.56	1.0	20	0	103	70 - 123	21.47	4.29	20	
trans-1,2-Dichloroethene	131.7	1.0	20	120.5	55.9	70 - 130	133.6	1.45	20	SO
trans-1,3-Dichloropropene	16.75	1.0	20	0	83.8	70 - 121	17.37	3.62	20	
Trichloroethene	101.9	1.0	20	86.35	77.9	70 - 129	105.1	3.02	20	O
Trichlorofluoromethane	17.63	1.0	20	0	88.2	70 - 130	18.38	4.13	20	
Vinyl chloride	110.5	1.0	20	99.13	56.9	70 - 130	111.7	1.04	20	SO
Xylenes, Total	63.73	3.0	60	0	106	70 - 130	65.81	3.21	20	
Surr: 1,2-Dichloroethane-d4	*41.05*	*1.0*	*50*	*0*	*82.1*	*70 - 126*	*40.39*	*1.63*	*20*	
Surr: 4-Bromofluorobenzene	*54.94*	*1.0*	*50*	*0*	*110*	*77 - 113*	*54.23*	*1.3*	*20*	
Surr: Dibromofluoromethane	*42.28*	*1.0*	*50*	*0*	*84.6*	*77 - 123*	*41.43*	*2.02*	*20*	
Surr: Toluene-d8	*54.45*	*1.0*	*50*	*0*	*109*	*82 - 127*	*54.93*	*0.864*	*20*	

The following samples were analyzed in this batch: HS23120380-01 HS23120380-02 HS23120380-03 HS23120380-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732828** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	U	1.0							
1,1,2,2-Tetrachloroethane	U	1.0							
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0							
1,1,2-Trichloroethane	U	1.0							
1,1-Dichloroethane	U	1.0							
1,1-Dichloroethene	U	1.0							
1,2,4-Trichlorobenzene	U	1.0							
1,2-Dibromo-3-chloropropane	U	1.0							
1,2-Dibromoethane	U	1.0							
1,2-Dichlorobenzene	U	1.0							
1,2-Dichloroethane	U	1.0							
1,2-Dichloropropane	U	1.0							
1,3-Dichlorobenzene	U	1.0							
1,4-Dichlorobenzene	U	1.0							
2-Butanone	U	2.0							
2-Hexanone	U	2.0							
4-Methyl-2-pentanone	U	2.0							
Acetone	U	2.0							
Benzene	U	1.0							
Bromodichloromethane	U	1.0							
Bromoform	U	1.0							
Bromomethane	U	1.0							
Carbon disulfide	U	2.0							
Carbon tetrachloride	U	1.0							
Chlorobenzene	U	1.0							
Chloroethane	U	1.0							
Chloroform	U	1.0							
Chloromethane	U	1.0							
cis-1,2-Dichloroethene	U	1.0							
cis-1,3-Dichloropropene	U	1.0							
Cyclohexane	U	1.0							
Dibromochloromethane	U	1.0							
Dichlorodifluoromethane	U	1.0							
Ethylbenzene	U	1.0							

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732828** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	3.0								
Surr: 1,2-Dichloroethane-d4	*42.56*	*1.0*	*50*	*0*	*85.1*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.73*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*42.33*	*1.0*	*50*	*0*	*84.7*	*73 - 126*				
Surr: Toluene-d8	*54.61*	*1.0*	*50*	*0*	*109*	*81 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:14**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.87	1.0	20	0	114	70 - 130				
1,1,2,2-Tetrachloroethane	19.79	1.0	20	0	99.0	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	26.5	1.0	20	0	132	70 - 130				S
1,1,2-Trichloroethane	21.18	1.0	20	0	106	77 - 113				
1,1-Dichloroethane	21.35	1.0	20	0	107	71 - 122				
1,1-Dichloroethene	23.67	1.0	20	0	118	70 - 130				
1,2,4-Trichlorobenzene	20.97	1.0	20	0	105	77 - 126				
1,2-Dibromo-3-chloropropane	18.47	1.0	20	0	92.3	70 - 130				
1,2-Dibromoethane	20.88	1.0	20	0	104	76 - 123				
1,2-Dichlorobenzene	20.16	1.0	20	0	101	77 - 113				
1,2-Dichloroethane	21.27	1.0	20	0	106	70 - 124				
1,2-Dichloropropane	20.07	1.0	20	0	100	72 - 119				
1,3-Dichlorobenzene	20.38	1.0	20	0	102	78 - 118				
1,4-Dichlorobenzene	19.74	1.0	20	0	98.7	79 - 113				
2-Butanone	38.72	2.0	40	0	96.8	70 - 130				
2-Hexanone	36.01	2.0	40	0	90.0	70 - 130				
4-Methyl-2-pentanone	38.08	2.0	40	0	95.2	70 - 130				
Acetone	45.18	2.0	40	0	113	70 - 130				
Benzene	20.55	1.0	20	0	103	74 - 120				
Bromodichloromethane	20.34	1.0	20	0	102	74 - 122				
Bromoform	19.29	1.0	20	0	96.5	73 - 128				
Bromomethane	29.24	1.0	20	0	146	70 - 130				S
Carbon disulfide	47.42	2.0	40	0	119	70 - 130				
Carbon tetrachloride	22.47	1.0	20	0	112	71 - 125				
Chlorobenzene	20.32	1.0	20	0	102	76 - 113				
Chloroethane	22.7	1.0	20	0	113	70 - 130				
Chloroform	21.54	1.0	20	0	108	71 - 121				
Chloromethane	20.25	1.0	20	0	101	70 - 129				
cis-1,2-Dichloroethene	21.45	1.0	20	0	107	75 - 122				
cis-1,3-Dichloropropene	19.21	1.0	20	0	96.0	73 - 127				
Cyclohexane	22.88	1.0	20	0	114	70 - 130				
Dibromochloromethane	20.3	1.0	20	0	101	77 - 122				
Dichlorodifluoromethane	21.4	1.0	20	0	107	70 - 130				
Ethylbenzene	21.4	1.0	20	0	107	77 - 117				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:14**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	23.26	1.0	20	0	116	73 - 127				
m,p-Xylene	44.9	2.0	40	0	112	77 - 122				
Methyl acetate	21.5	1.0	20	0	108	76 - 122				
Methyl tert-butyl ether	19.89	1.0	20	0	99.4	70 - 130				
Methylcyclohexane	19.49	1.0	20	0	97.4	61 - 157				
Methylene chloride	23.99	2.0	20	0	120	70 - 127				
o-Xylene	22.31	1.0	20	0	112	75 - 119				
Styrene	22.51	1.0	20	0	113	72 - 126				
Tetrachloroethene	22.32	1.0	20	0	112	76 - 119				
Toluene	21.76	1.0	20	0	109	77 - 118				
trans-1,2-Dichloroethene	23.92	1.0	20	0	120	72 - 127				
trans-1,3-Dichloropropene	18.63	1.0	20	0	93.1	77 - 119				
Trichloroethene	21.35	1.0	20	0	107	77 - 121				
Trichlorofluoromethane	24.59	1.0	20	0	123	70 - 130				
Vinyl chloride	21.88	1.0	20	0	109	70 - 130				
Xylenes, Total	67.21	3.0	60	0	112	75 - 122				
Surr: 1,2-Dichloroethane-d4	*54.79*	*1.0*	*50*	*0*	*110*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.77*	*1.0*	*50*	*0*	*108*	*77 - 113*				
Surr: Dibromofluoromethane	*56.07*	*1.0*	*50*	*0*	*112*	*73 - 126*				
Surr: Toluene-d8	*52.3*	*1.0*	*50*	*0*	*105*	*81 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120989-18MS** Units: **ug/L** Analysis Date: **17-Dec-2023 03:36**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.25	1.0	20	0	86.3	70 - 130				
1,1,2,2-Tetrachloroethane	21.35	1.0	20	0	107	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.21	1.0	20	0	96.0	70 - 130				
1,1,2-Trichloroethane	20.82	1.0	20	0	104	70 - 117				
1,1-Dichloroethane	15.28	1.0	20	0	76.4	70 - 127				
1,1-Dichloroethene	16.81	1.0	20	0	84.0	70 - 130				
1,2,4-Trichlorobenzene	20.13	1.0	20	0	101	70 - 125				
1,2-Dibromo-3-chloropropane	19.81	1.0	20	0	99.0	70 - 130				
1,2-Dibromoethane	20.25	1.0	20	0	101	70 - 124				
1,2-Dichlorobenzene	20.65	1.0	20	0	103	70 - 115				
1,2-Dichloroethane	18.33	1.0	20	0	91.6	70 - 127				
1,2-Dichloropropane	17.5	1.0	20	0	87.5	70 - 122				
1,3-Dichlorobenzene	20.15	1.0	20	0	101	70 - 119				
1,4-Dichlorobenzene	19.83	1.0	20	0	99.2	70 - 114				
2-Butanone	25.88	2.0	40	0	64.7	70 - 130				S
2-Hexanone	35.83	2.0	40	0	89.6	70 - 130				
4-Methyl-2-pentanone	37.59	2.0	40	0	94.0	70 - 130				
Acetone	26.56	2.0	40	0	66.4	70 - 130				S
Benzene	17.99	1.0	20	0	90.0	70 - 127				
Bromodichloromethane	18.29	1.0	20	0	91.4	70 - 124				
Bromoform	19.6	1.0	20	0	98.0	70 - 129				
Bromomethane	18.35	1.0	20	0	91.7	70 - 130				
Carbon disulfide	34.11	2.0	40	0	85.3	70 - 130				
Carbon tetrachloride	20.61	1.0	20	0	103	70 - 130				
Chlorobenzene	21.41	1.0	20	0	107	70 - 114				
Chloroethane	16.53	1.0	20	0	82.7	70 - 130				
Chloroform	16.12	1.0	20	0	80.6	70 - 125				
Chloromethane	12.31	1.0	20	0	61.5	70 - 130				S
cis-1,2-Dichloroethene	15.44	1.0	20	0	77.2	70 - 128				
cis-1,3-Dichloropropene	16.24	1.0	20	0	81.2	70 - 125				
Cyclohexane	16.91	1.0	20	0	84.6	70 - 130				
Dibromochloromethane	19.88	1.0	20	0	99.4	70 - 124				
Dichlorodifluoromethane	10.1	1.0	20	0	50.5	70 - 130				S
Ethylbenzene	21.28	1.0	20	0	106	70 - 124				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23120989-18MS** Units: **ug/L** Analysis Date: **17-Dec-2023 03:36**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	23.12	1.0	20	0	116	70 - 130				
m,p-Xylene	44.01	2.0	40	0	110	70 - 130				
Methyl acetate	11.83	1.0	20	0	59.1	76 - 122				S
Methyl tert-butyl ether	18.46	1.0	20	0	92.3	70 - 130				
Methylcyclohexane	21.28	1.0	20	0	106	61 - 158				
Methylene chloride	17.23	2.0	20	0	86.1	70 - 128				
o-Xylene	21.42	1.0	20	0	107	70 - 124				
Styrene	22.1	1.0	20	0	111	70 - 130				
Tetrachloroethene	21.84	1.0	20	0	109	70 - 130				
Toluene	21.5	1.0	20	0	108	70 - 123				
trans-1,2-Dichloroethene	17.79	1.0	20	0	89.0	70 - 130				
trans-1,3-Dichloropropene	16.22	1.0	20	0	81.1	70 - 121				
Trichloroethene	18.67	1.0	20	0	93.4	70 - 129				
Trichlorofluoromethane	19.17	1.0	20	0	95.9	70 - 130				
Vinyl chloride	14.04	1.0	20	0	70.2	70 - 130				
Xylenes, Total	65.43	3.0	60	0	109	70 - 130				
Surr: 1,2-Dichloroethane-d4	*41.08*	*1.0*	*50*	*0*	*82.2*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*54.67*	*1.0*	*50*	*0*	*109*	*77 - 113*				
Surr: Dibromofluoromethane	*42.47*	*1.0*	*50*	*0*	*84.9*	*77 - 123*				
Surr: Toluene-d8	*55.18*	*1.0*	*50*	*0*	*110*	*82 - 127*				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120989-18MSD** Units: **ug/L** Analysis Date: **17-Dec-2023 03:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.86	1.0	20	0	84.3	70 - 130	17.25	2.26	20	
1,1,2,2-Tetrachloroethane	20.28	1.0	20	0	101	70 - 123	21.35	5.15	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	19.05	1.0	20	0	95.3	70 - 130	19.21	0.803	20	
1,1,2-Trichloroethane	20.23	1.0	20	0	101	70 - 117	20.82	2.89	20	
1,1-Dichloroethane	15.49	1.0	20	0	77.5	70 - 127	15.28	1.35	20	
1,1-Dichloroethene	16.76	1.0	20	0	83.8	70 - 130	16.81	0.31	20	
1,2,4-Trichlorobenzene	19.76	1.0	20	0	98.8	70 - 125	20.13	1.86	20	
1,2-Dibromo-3-chloropropane	19.46	1.0	20	0	97.3	70 - 130	19.81	1.75	20	
1,2-Dibromoethane	20.3	1.0	20	0	102	70 - 124	20.25	0.248	20	
1,2-Dichlorobenzene	19.64	1.0	20	0	98.2	70 - 115	20.65	5.01	20	
1,2-Dichloroethane	17.76	1.0	20	0	88.8	70 - 127	18.33	3.16	20	
1,2-Dichloropropane	16.95	1.0	20	0	84.7	70 - 122	17.5	3.2	20	
1,3-Dichlorobenzene	19.79	1.0	20	0	99.0	70 - 119	20.15	1.8	20	
1,4-Dichlorobenzene	19.51	1.0	20	0	97.6	70 - 114	19.83	1.61	20	
2-Butanone	25.34	2.0	40	0	63.4	70 - 130	25.88	2.12	20	S
2-Hexanone	34.96	2.0	40	0	87.4	70 - 130	35.83	2.46	20	
4-Methyl-2-pentanone	36.55	2.0	40	0	91.4	70 - 130	37.59	2.81	20	
Acetone	24.34	2.0	40	0	60.8	70 - 130	26.56	8.72	20	S
Benzene	17.53	1.0	20	0	87.7	70 - 127	17.99	2.6	20	
Bromodichloromethane	17.85	1.0	20	0	89.2	70 - 124	18.29	2.44	20	
Bromoform	18.46	1.0	20	0	92.3	70 - 129	19.6	6.03	20	
Bromomethane	17.68	1.0	20	0	88.4	70 - 130	18.35	3.69	20	
Carbon disulfide	34.38	2.0	40	0	86.0	70 - 130	34.11	0.806	20	
Carbon tetrachloride	20.23	1.0	20	0	101	70 - 130	20.61	1.85	20	
Chlorobenzene	19.84	1.0	20	0	99.2	70 - 114	21.41	7.62	20	
Chloroethane	15.42	1.0	20	0	77.1	70 - 130	16.53	6.92	20	
Chloroform	15.89	1.0	20	0	79.4	70 - 125	16.12	1.42	20	
Chloromethane	12.23	1.0	20	0	61.1	70 - 130	12.31	0.687	20	S
cis-1,2-Dichloroethene	15.56	1.0	20	0	77.8	70 - 128	15.44	0.785	20	
cis-1,3-Dichloropropene	16.11	1.0	20	0	80.6	70 - 125	16.24	0.802	20	
Cyclohexane	16.42	1.0	20	0	82.1	70 - 130	16.91	2.94	20	
Dibromochloromethane	19.68	1.0	20	0	98.4	70 - 124	19.88	1.01	20	
Dichlorodifluoromethane	9.856	1.0	20	0	49.3	70 - 130	10.1	2.46	20	S
Ethylbenzene	20.15	1.0	20	0	101	70 - 124	21.28	5.44	20	

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23120989-18MSD** Units: **ug/L** Analysis Date: **17-Dec-2023 03:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	22.42	1.0	20	0	112	70 - 130	23.12	3.08	20	
m,p-Xylene	43.01	2.0	40	0	108	70 - 130	44.01	2.31	20	
Methyl acetate	12.09	1.0	20	0	60.5	76 - 122	11.83	2.22	20	S
Methyl tert-butyl ether	18.71	1.0	20	0	93.6	70 - 130	18.46	1.36	20	
Methylcyclohexane	20.62	1.0	20	0	103	61 - 158	21.28	3.18	20	
Methylene chloride	16.49	2.0	20	0	82.4	70 - 128	17.23	4.4	20	
o-Xylene	21.3	1.0	20	0	106	70 - 124	21.42	0.561	20	
Styrene	21.52	1.0	20	0	108	70 - 130	22.1	2.65	20	
Tetrachloroethene	21.48	1.0	20	0	107	70 - 130	21.84	1.64	20	
Toluene	20.57	1.0	20	0	103	70 - 123	21.5	4.44	20	
trans-1,2-Dichloroethene	16.98	1.0	20	0	84.9	70 - 130	17.79	4.69	20	
trans-1,3-Dichloropropene	16.23	1.0	20	0	81.2	70 - 121	16.22	0.0803	20	
Trichloroethene	17.97	1.0	20	0	89.8	70 - 129	18.67	3.87	20	
Trichlorofluoromethane	18.55	1.0	20	0	92.7	70 - 130	19.17	3.31	20	
Vinyl chloride	13.85	1.0	20	0	69.2	70 - 130	14.04	1.39	20	S
Xylenes, Total	64.3	3.0	60	0	107	70 - 130	65.43	1.74	20	
Surr: 1,2-Dichloroethane-d4	*41.09*	*1.0*	*50*	*0*	*82.2*	*70 - 126*	*41.08*	*0.00419*	*20*	
Surr: 4-Bromofluorobenzene	*53.53*	*1.0*	*50*	*0*	*107*	*77 - 113*	*54.67*	*2.11*	*20*	
Surr: Dibromofluoromethane	*41.84*	*1.0*	*50*	*0*	*83.7*	*77 - 123*	*42.47*	*1.51*	*20*	
Surr: Toluene-d8	*55.46*	*1.0*	*50*	*0*	*111*	*82 - 127*	*55.18*	*0.504*	*20*	

The following samples were analyzed in this batch: HS23120380-04 HS23120380-05

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-231218** Units: **ug/L** Analysis Date: **19-Dec-2023 02:09**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736909** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	U	2.0								
Surr: 1,2-Dichloroethane-d4	*41.5*	*1.0*	*50*	*0*	*83.0*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.53*	*1.0*	*50*	*0*	*105*	*77 - 113*				
Surr: Dibromofluoromethane	*42.32*	*1.0*	*50*	*0*	*84.6*	*73 - 126*				
Surr: Toluene-d8	*54.53*	*1.0*	*50*	*0*	*109*	*81 - 120*				

LCS Sample ID: **VLCSW-231218** Units: **ug/L** Analysis Date: **19-Dec-2023 01:24**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736908** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	37.18	2.0	40	0	92.9	70 - 130				
Surr: 1,2-Dichloroethane-d4	*53.67*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.69*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*54.57*	*1.0*	*50*	*0*	*109*	*73 - 126*				
Surr: Toluene-d8	*52.06*	*1.0*	*50*	*0*	*104*	*81 - 120*				

MS Sample ID: **HS23121060-05MS** Units: **ug/L** Analysis Date: **19-Dec-2023 02:54**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736911** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	24.98	2.0	40	0	62.4	70 - 130				S
Surr: 1,2-Dichloroethane-d4	*41.08*	*1.0*	*50*	*0*	*82.2*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*55.51*	*1.0*	*50*	*0*	*111*	*77 - 113*				
Surr: Dibromofluoromethane	*42.47*	*1.0*	*50*	*0*	*84.9*	*77 - 123*				
Surr: Toluene-d8	*55.34*	*1.0*	*50*	*0*	*111*	*82 - 127*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23121060-05MSD** Units: **ug/L** Analysis Date: **19-Dec-2023 03:16**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736912** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	24.55	2.0	40	0	61.4	70 - 130	24.98	1.71	20	S
Surr: 1,2-Dichloroethane-d4	*41.05*	*1.0*	*50*	*0*	*82.1*	*70 - 126*	*41.08*	*0.0772*	*20*	
Surr: 4-Bromofluorobenzene	*54.28*	*1.0*	*50*	*0*	*109*	*77 - 113*	*55.51*	*2.25*	*20*	
Surr: Dibromofluoromethane	*42.24*	*1.0*	*50*	*0*	*84.5*	*77 - 123*	*42.47*	*0.549*	*20*	
Surr: Toluene-d8	*54.42*	*1.0*	*50*	*0*	*109*	*82 - 127*	*55.34*	*1.67*	*20*	

The following samples were analyzed in this batch: HS23120380-05

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R453560 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **07-Dec-2023 14:46**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714687** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	U	0.100								
Nitrogen, Nitrite (As N)	U	0.100								
Nitrate/Nitrite (as N)	U	0.200								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **07-Dec-2023 17:50**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714688** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.091	0.100	4	0	102	90 - 110				
Nitrogen, Nitrite (As N)	4.032	0.100	4	0	101	90 - 110				
Nitrate/Nitrite (as N)	8.123	0.200	8	0	102	90 - 110				
Sulfate	19.37	0.500	20	0	96.8	90 - 110				

MS Sample ID: **HS23120388-01MS** Units: **mg/L** Analysis Date: **07-Dec-2023 21:01**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714713** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.386	0.100	2	0.0234	118	80 - 120				
Nitrogen, Nitrite (As N)	2.12	0.100	2	0.0425	104	80 - 120				
Nitrate/Nitrite (as N)	4.506	0.200	4	0.0425	112	80 - 120				
Sulfate	169.5	0.500	10	169.7	-2.44	80 - 120				SEO

MS Sample ID: **HS23120358-03MS** Units: **mg/L** Analysis Date: **07-Dec-2023 18:32**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714694** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	3.454	0.100	2	1.269	109	80 - 120				
Nitrogen, Nitrite (As N)	2.012	0.100	2	0.0308	99.0	80 - 120				
Nitrate/Nitrite (as N)	5.465	0.200	4	1.3	104	80 - 120				
Sulfate	504.1	0.500	10	503.9	2.60	80 - 120				SEO

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R453560 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MSD Sample ID: **HS23120388-01MSD** Units: **mg/L** Analysis Date: **07-Dec-2023 21:07**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714714** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.39	0.100	2	0.0234	118	80 - 120	2.386	0.188	20	
Nitrogen, Nitrite (As N)	2.123	0.100	2	0.0425	104	80 - 120	2.12	0.146	20	
Nitrate/Nitrite (as N)	4.513	0.200	4	0.0425	112	80 - 120	4.506	0.169	20	
Sulfate	170.1	0.500	10	169.7	3.98	80 - 120	169.5	0.378	20	SEO

MSD Sample ID: **HS23120358-03MSD** Units: **mg/L** Analysis Date: **07-Dec-2023 18:38**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714695** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	3.493	0.100	2	1.269	111	80 - 120	3.454	1.12	20	
Nitrogen, Nitrite (As N)	2.011	0.100	2	0.0308	99.0	80 - 120	2.012	0.0447	20	
Nitrate/Nitrite (as N)	5.504	0.200	4	1.3	105	80 - 120	5.465	0.695	20	
Sulfate	504.6	0.500	10	503.9	7.40	80 - 120	504.1	0.0952	20	SEO

The following samples were analyzed in this batch: HS23120380-02 HS23120380-03 HS23120380-04 HS23120380-05

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120380

QC BATCH REPORT

Batch ID: R455007 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-12222023** Units: **mg/L** Analysis Date: **22-Dec-2023 10:47**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746859** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-12222023** Units: **mg/L** Analysis Date: **22-Dec-2023 11:06**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746860** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.923	1.00	10	0	99.2	85 - 115				

LCSD Sample ID: **LCSD-12222023** Units: **mg/L** Analysis Date: **22-Dec-2023 11:23**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746861** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.847	1.00	10	0	98.5	85 - 115	9.923	0.769	20	

MS Sample ID: **HS23120380-02MS** Units: **mg/L** Analysis Date: **22-Dec-2023 12:01**
Client ID: **6-21B-20231206** Run ID: **TOC_05_455007** SeqNo: **7746863** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	53.74	1.00	10	44.63	91.1	80 - 120				EO

The following samples were analyzed in this batch: HS23120380-02 HS23120380-03 HS23120380-04 HS23120380-05

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23120380**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

Released to Imaging: 6/5/2024 4:51:36 PM RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Sample Receipt Checklist

Work Order ID: HS23120380 **Date/Time Received:** 07-Dec-2023 09:35

Client Name: GHDHouston **Received by:** Nelson D. Dusara

Completed By: /S/ Malcolm Burleson (eSignature) 07-Dec-2023 13:23 (Date/Time) **Reviewed by:** /S/ James Guin (eSignature) 08-Dec-2023 11:27 (Date/Time)

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:298563
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☐	No ☑	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.2UC 1.1C	IR31	
Cooler(s)/Kit(s):	51640		
Date/Time sample(s) sent to storage:	12072023		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Login Comments: Sample ID 6-21C-20231206 - Received 1 (1) liter amber.
Sample ID 6-22B-20231206 - PCB amber leaked in cooler, insufficient volume for analysis.
Sample ID 6-20B20231206 - TOC bottles not received in cooler.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 1

COC ID: 298563

GHD
12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information	
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023
Work Order		Project Number	12603647
Company Name	GHD	Bill To Company	Transwestern Pipeline Company
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258
Phone	(713) 734-3090	Phone	
Fax	(713) 734-3391	Fax	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.co

A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
F	
G	
H	
I	
J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12603647-TB01	12/6/23	—	Water	1,8	2					X						
2	CC-21B-20231206	12/6/23	0925	GW	8	8	—	—	—	—							
3	CC-21C-20231206	12/6/23	0935	GW	8	8	—	—	—	—							
4	CC-22B-20231206	12/6/23	0955	GW	8	8	—	—	—	—							
5	CC-22C-20231206	12/6/23	1005	GW	8	8	—	—	—	—							
6	Temp blank					1											
7	CC-20B-20231206	12/6/23	1230	GW	8	5	X	X		X							
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Elizabeth Fair

Shipment Method: Sample cooler / FedEx

Required Turnaround Time: (Check Box) ☐ Other ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour

Results Due Date:

	Date:	Time:		
Relinquished by: Elizabeth Fair	12/6/23	1700	Received by:	
Relinquished by:	12/07/23	9:35	Received by (Laboratory): Nelson	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: TPC Laguna NM

Cooler ID	Cooler Temp.
516410	1.2

QC Package: (Check One Box Below)
☒ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

FR231

Clr -0.1

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

51640

CUSTODY SEAL

Date: 12/6/23 Time: 1700
Name: Elizabeth
Company: GHD

Seal Broken By:
Date: 12/07/23

51640 DEC 07 2023

Part # 156689-434 MTW EXP 01/24 ***

ALS

51640

ORIGIN ID:SGRA (505) 934-0902
SIMON KOZIK
GHD
6121 INDIAN SCHOOL RD

ALBUQUERQUE, NM 87110
UNITED STATES US

SHIP DATE: 01SEP23
ACTWGT: 12.25 LB MAN
CAD: 0221247/CAFE3751
DIMS: 26x14x14 IN

TO SHIPPING DEPT
ALS LABORATORY GROUP
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099
(281) 530-5666
REF: 12603647 - LANGUNA 2023 BO = 95239 JG

RMA:

FedEx Express

FedEx
TRK# 0221 6862 6795 9541

THU - 07 DEC 12:00P
PRIORITY OVERNIGHT

XA SGRA

77099
TX-US IAH

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10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

December 26, 2023

Blair Owen
GHD
11451 Katy Fwy
Suite 400
Houston, TX 77079

Work Order: **HS23120388**

Laboratory Results for: **12603647 - Laguna 2023**

Dear Blair Owen,

ALS Environmental received 9 sample(s) on Dec 07, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
James Guin

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Work Order: HS23120388

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23120388-01	6-40-20231206	GW		06-Dec-2023 11:00	07-Dec-2023 09:35	☐
HS23120388-02	6-13-20231206	GW		06-Dec-2023 11:10	07-Dec-2023 09:35	☐
HS23120388-03	6-14-20231206	GW		06-Dec-2023 10:25	07-Dec-2023 09:35	☐
HS23120388-04	6-54-20231206	GW		06-Dec-2023 10:40	07-Dec-2023 09:35	☐
HS23120388-05	Trip blank	Water		07-Dec-2023 00:00	07-Dec-2023 09:35	☐
HS23120388-06	6-07	Water		06-Dec-2023 11:55	07-Dec-2023 09:35	☐
HS23120388-07	6-19	Water		06-Dec-2023 12:28	07-Dec-2023 09:35	☐
HS23120388-08	6-44	Water		06-Dec-2023 12:00	07-Dec-2023 09:35	☐
HS23120388-09	6-36	Water		06-Dec-2023 12:15	07-Dec-2023 09:35	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23120388

Work Order Comments

- Sample ID 6-13-20231206 Received 6 bottles, COC lists 8
  Sample ID 6-54-20231206 Received 10 bottles, COC lists 8

  The chain of custody is missing the sampled date for the following sample IDs. Sampled date taken from the bottle labels.
  6-07,6-19,6-44,6-36 Label 12/06/2023

ECD Organics by Method SW8082

Batch ID: 204893

Sample ID: MBLK-204893

- Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GCMS Volatiles by Method SW8260

Batch ID: R454400

Sample ID: CCV

- 1,1,2-Trichlor-1,2,2-trifluoroethane exceeded %D limits for CCV .Samples are ND for this compound.

Sample ID: VLCSW-231215

- Bromomethane and 1,1,2-Trichlor-1,2,2-trifluoroethane are also high for LCS. Samples are ND for these compounds.

Sample ID: HS23120581-01MS

- MS/MSD was performed on an unrelated sample.

Batch ID: R454404

Sample ID: CCV

- 1,1,2-Trichlor-1,2,2-trifluoroethane exceeded %D limits for CCV. Samples are ND for this compound.

Sample ID: VLCSW-231216

- 1,1,2-Trichlor-1,2,2-trifluoroethane and Bromomethane exceeded QC limits for LCS. Samples are ND for these compounds.

Sample ID: HS23120989-18MS

- MS/MSD was performed on an unrelated sample.

Batch ID: R454568

Sample ID: CCV

- 1,1,2-Trichlor-1,2,2-trifluoroethane exceeded %D limits for CCV .Samples are ND for tis compound.

Sample ID: VLCSW-231218

- Bromomethane exceeded QC limits for LCS. Samples are ND or this compound.

Sample ID: HS23121060-05MS

- MS/MSD was performed on an unrelated sample.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD **CASE NARRATIVE**
Project: 12603647 - Laguna 2023
Work Order: HS23120388

WetChemistry by Method SW9060

Batch ID: R455007

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300

Batch ID: R453560

Sample ID: 6-13-20231206 (HS23120388-02)

- The reporting limit is elevated due to dilution for high concentrations of non-target analytes. (Nitrate/Nitrite (as N),Nitrogen, Nitrate (As N),Nitrogen, Nitrite (As N))

Sample ID: 6-40-20231206 (HS23120388-01MS)

- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. (Sulfate)

Sample ID: HS23120358-03MS

- MS and MSD are for an unrelated sample (Sulfate)

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-40-20231206
Collection Date: 06-Dec-2023 11:00

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-01
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,1-Dichloroethane	**0.017**		**0.0010**	**mg/L**	1	16-Dec-2023 04:17
1,1-Dichloroethene	**0.0094**		**0.0010**	**mg/L**	1	16-Dec-2023 04:17
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,2-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 04:17
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 04:17
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 04:17
Acetone	U		0.0020	mg/L	1	16-Dec-2023 04:17
Benzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 04:17
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 04:17
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 04:17
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Chloroethane	**0.0026**		**0.0010**	**mg/L**	1	16-Dec-2023 04:17
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 04:17
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:17
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 04:17
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 04:17
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 04:17
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 04:17
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 04:17
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 04:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-40-20231206
Collection Date: 06-Dec-2023 11:00

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-01
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 04:17
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Styrene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Toluene	U		0.0010	mg/L	1	16-Dec-2023 04:17
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:17
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:17
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 04:17
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 04:17
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 04:17
Surr: 1,2-Dichloroethane-d4	*86.2*		*70-126*	*%REC*	*1*	*16-Dec-2023 04:17*
Surr: 4-Bromofluorobenzene	*102*		*77-113*	*%REC*	*1*	*16-Dec-2023 04:17*
Surr: Dibromofluoromethane	*84.1*		*77-123*	*%REC*	*1*	*16-Dec-2023 04:17*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*16-Dec-2023 04:17*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 18:51
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 18:51
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 18:51
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 18:51
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 18:51
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 18:51
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 18:51
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 18:51
Surr: Decachlorobiphenyl	*128*		*54-140*	*%REC*	*1*	*15-Dec-2023 18:51*
Surr: Tetrachloro-m-xylene	*113*		*53-137*	*%REC*	*1*	*15-Dec-2023 18:51*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		0.100	mg/L	1	07-Dec-2023 20:55
Nitrogen, Nitrite (As N)	U		0.100	mg/L	1	07-Dec-2023 20:55
Sulfate	**182**		**5.00**	**mg/L**	10	07-Dec-2023 21:13
Nitrate/Nitrite (as N)	U		0.200	mg/L	1	07-Dec-2023 20:55
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**14.1**		**1.00**	**mg/L**	1	22-Dec-2023 13:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-13-20231206
Collection Date: 06-Dec-2023 11:10

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-02
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,1-Dichloroethane	**0.034**		**0.0010**	**mg/L**	1	16-Dec-2023 04:39
1,1-Dichloroethene	**0.043**		**0.0010**	**mg/L**	1	16-Dec-2023 04:39
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,2-Dichloroethane	**0.0047**		**0.0010**	**mg/L**	1	16-Dec-2023 04:39
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 04:39
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 04:39
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 04:39
Acetone	U		0.0020	mg/L	1	16-Dec-2023 04:39
Benzene	**0.0033**		**0.0010**	**mg/L**	1	16-Dec-2023 04:39
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 04:39
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 04:39
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 04:39
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 04:39
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
cis-1,2-Dichloroethene	**0.0028**		**0.0010**	**mg/L**	1	16-Dec-2023 04:39
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 04:39
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 04:39
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 04:39
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 04:39
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 04:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-13-20231206
Collection Date: 06-Dec-2023 11:10

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-02
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 04:39
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Styrene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Toluene	U		0.0010	mg/L	1	16-Dec-2023 04:39
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:39
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 04:39
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 04:39
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 04:39
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 04:39
Surr: 1,2-Dichloroethane-d4	*85.1*		*70-126*	*%REC*	*1*	*16-Dec-2023 04:39*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*16-Dec-2023 04:39*
Surr: Dibromofluoromethane	*84.3*		*77-123*	*%REC*	*1*	*16-Dec-2023 04:39*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*1*	*16-Dec-2023 04:39*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.000500	mg/L	1	15-Dec-2023 19:04
Aroclor 1221	U		0.000500	mg/L	1	15-Dec-2023 19:04
Aroclor 1232	U		0.000500	mg/L	1	15-Dec-2023 19:04
Aroclor 1242	U		0.000500	mg/L	1	15-Dec-2023 19:04
Aroclor 1248	U		0.000500	mg/L	1	15-Dec-2023 19:04
Aroclor 1254	U		0.000500	mg/L	1	15-Dec-2023 19:04
Aroclor 1260	U		0.000500	mg/L	1	15-Dec-2023 19:04
PCBs (Total)	U		0.000500	mg/L	1	15-Dec-2023 19:04
Surr: Decachlorobiphenyl	*119*		*54-140*	*%REC*	*1*	*15-Dec-2023 19:04*
Surr: Tetrachloro-m-xylene	*81.8*		*53-137*	*%REC*	*1*	*15-Dec-2023 19:04*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		1.00	mg/L	10	07-Dec-2023 21:25
Nitrogen, Nitrite (As N)	U		1.00	mg/L	10	07-Dec-2023 21:25
Sulfate	**183**		**5.00**	**mg/L**	10	07-Dec-2023 21:25
Nitrate/Nitrite (as N)	U		2.00	mg/L	10	07-Dec-2023 21:25
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**38.8**		**1.00**	**mg/L**	1	22-Dec-2023 13:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-14-20231206
Collection Date: 06-Dec-2023 10:25

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-03
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,1,2-Trichloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,1-Dichloroethane	**0.010**		**0.0010**	**mg/L**	1	17-Dec-2023 05:28
1,1-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,2-Dibromoethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,2-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,2-Dichloroethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,2-Dichloropropane	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,3-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
1,4-Dichlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
2-Butanone	**2.3**		**0.020**	**mg/L**	10	19-Dec-2023 07:00
2-Hexanone	**0.88**		**0.020**	**mg/L**	10	19-Dec-2023 07:00
4-Methyl-2-pentanone	U		0.0020	mg/L	1	17-Dec-2023 05:28
Acetone	**0.66**		**0.020**	**mg/L**	10	19-Dec-2023 07:00
Benzene	**0.0011**		**0.0010**	**mg/L**	1	17-Dec-2023 05:28
Bromodichloromethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
Bromoform	U		0.0010	mg/L	1	17-Dec-2023 05:28
Bromomethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
Carbon disulfide	**0.0023**		**0.0020**	**mg/L**	1	17-Dec-2023 05:28
Carbon tetrachloride	U		0.0010	mg/L	1	17-Dec-2023 05:28
Chlorobenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Chloroethane	**0.0056**		**0.0010**	**mg/L**	1	17-Dec-2023 05:28
Chloroform	U		0.0010	mg/L	1	17-Dec-2023 05:28
Chloromethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:28
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Cyclohexane	U		0.0010	mg/L	1	17-Dec-2023 05:28
Dibromochloromethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
Dichlorodifluoromethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
Ethylbenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Isopropylbenzene	U		0.0010	mg/L	1	17-Dec-2023 05:28
m,p-Xylene	U		0.0020	mg/L	1	17-Dec-2023 05:28
Methyl acetate	U		0.0010	mg/L	1	17-Dec-2023 05:28
Methyl tert-butyl ether	U		0.0010	mg/L	1	17-Dec-2023 05:28
Methylcyclohexane	U		0.0010	mg/L	1	17-Dec-2023 05:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-14-20231206
Collection Date: 06-Dec-2023 10:25

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-03
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	17-Dec-2023 05:28
o-Xylene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Styrene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Tetrachloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Toluene	U		0.0010	mg/L	1	17-Dec-2023 05:28
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:28
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Trichloroethene	U		0.0010	mg/L	1	17-Dec-2023 05:28
Trichlorofluoromethane	U		0.0010	mg/L	1	17-Dec-2023 05:28
Vinyl chloride	U		0.0010	mg/L	1	17-Dec-2023 05:28
Xylenes, Total	U		0.0030	mg/L	1	17-Dec-2023 05:28
Surr: 1,2-Dichloroethane-d4	*83.3*		*70-126*	*%REC*	*1*	*17-Dec-2023 05:28*
Surr: 1,2-Dichloroethane-d4	*85.4*		*70-126*	*%REC*	*10*	*19-Dec-2023 07:00*
Surr: 4-Bromofluorobenzene	*112*		*77-113*	*%REC*	*1*	*17-Dec-2023 05:28*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*10*	*19-Dec-2023 07:00*
Surr: Dibromofluoromethane	*82.1*		*77-123*	*%REC*	*1*	*17-Dec-2023 05:28*
Surr: Dibromofluoromethane	*85.4*		*77-123*	*%REC*	*10*	*19-Dec-2023 07:00*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*1*	*17-Dec-2023 05:28*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*10*	*19-Dec-2023 07:00*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	U		0.00556	mg/L	1	15-Dec-2023 19:16
Aroclor 1221	U		0.00556	mg/L	1	15-Dec-2023 19:16
Aroclor 1232	U		0.00556	mg/L	1	15-Dec-2023 19:16
Aroclor 1242	U		0.00556	mg/L	1	15-Dec-2023 19:16
Aroclor 1248	U		0.00556	mg/L	1	15-Dec-2023 19:16
Aroclor 1254	U		0.00556	mg/L	1	15-Dec-2023 19:16
Aroclor 1260	U		0.00556	mg/L	1	15-Dec-2023 19:16
PCBs (Total)	U		0.00556	mg/L	1	15-Dec-2023 19:16
Surr: Decachlorobiphenyl	*117*		*54-140*	*%REC*	*1*	*15-Dec-2023 19:16*
Surr: Tetrachloro-m-xylene	*80.5*		*53-137*	*%REC*	*1*	*15-Dec-2023 19:16*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	**7.19**		**1.00**	**mg/L**	10	07-Dec-2023 21:37
Nitrogen, Nitrite (As N)	U		1.00	mg/L	10	07-Dec-2023 21:37
Sulfate	**25.1**		**5.00**	**mg/L**	10	07-Dec-2023 21:37
Nitrate/Nitrite (as N)	**7.19**		**2.00**	**mg/L**	10	07-Dec-2023 21:37
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**2,030**		**100**	**mg/L**	100	22-Dec-2023 18:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-54-20231206
Collection Date: 06-Dec-2023 10:40

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-04
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,1,2-Trichloroethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,1-Dichloroethane	**0.0059**		**0.0010**	**mg/L**	1	19-Dec-2023 06:15
1,1-Dichloroethene	**0.011**		**0.0010**	**mg/L**	1	19-Dec-2023 06:15
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,2-Dibromoethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,2-Dichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,2-Dichloroethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,2-Dichloropropane	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,3-Dichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
1,4-Dichlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
2-Butanone	**0.0037**		**0.0020**	**mg/L**	1	19-Dec-2023 06:15
2-Hexanone	**0.0027**		**0.0020**	**mg/L**	1	19-Dec-2023 06:15
4-Methyl-2-pentanone	U		0.0020	mg/L	1	19-Dec-2023 06:15
Acetone	U		0.0020	mg/L	1	19-Dec-2023 06:15
Benzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Bromodichloromethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Bromoform	U		0.0010	mg/L	1	19-Dec-2023 06:15
Bromomethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Carbon disulfide	U		0.0020	mg/L	1	19-Dec-2023 06:15
Carbon tetrachloride	U		0.0010	mg/L	1	19-Dec-2023 06:15
Chlorobenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Chloroethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Chloroform	U		0.0010	mg/L	1	19-Dec-2023 06:15
Chloromethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Dec-2023 06:15
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Cyclohexane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Dibromochloromethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Dichlorodifluoromethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Ethylbenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Isopropylbenzene	U		0.0010	mg/L	1	19-Dec-2023 06:15
m,p-Xylene	U		0.0020	mg/L	1	19-Dec-2023 06:15
Methyl acetate	U		0.0010	mg/L	1	19-Dec-2023 06:15
Methyl tert-butyl ether	U		0.0010	mg/L	1	19-Dec-2023 06:15
Methylcyclohexane	U		0.0010	mg/L	1	19-Dec-2023 06:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-54-20231206
Collection Date: 06-Dec-2023 10:40

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-04
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	19-Dec-2023 06:15
o-Xylene	**0.0012**		**0.0010**	**mg/L**	1	19-Dec-2023 06:15
Styrene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Tetrachloroethene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Toluene	U		0.0010	mg/L	1	19-Dec-2023 06:15
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	19-Dec-2023 06:15
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Trichloroethene	U		0.0010	mg/L	1	19-Dec-2023 06:15
Trichlorofluoromethane	U		0.0010	mg/L	1	19-Dec-2023 06:15
Vinyl chloride	U		0.0010	mg/L	1	19-Dec-2023 06:15
Xylenes, Total	U		0.0030	mg/L	1	19-Dec-2023 06:15
Surr: 1,2-Dichloroethane-d4	*85.1*		*70-126*	*%REC*	*1*	*19-Dec-2023 06:15*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*19-Dec-2023 06:15*
Surr: Dibromofluoromethane	*85.6*		*77-123*	*%REC*	*1*	*19-Dec-2023 06:15*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*19-Dec-2023 06:15*
PCBS BY SW8082A		**Method:SW8082**		Prep:SW3510C/3665A / 15-Dec-2023		Analyst: JBA
Aroclor 1016	**0.103**		**0.0100**	**mg/L**	20	18-Dec-2023 13:05
Aroclor 1221	U		0.0100	mg/L	20	18-Dec-2023 13:05
Aroclor 1232	U		0.0100	mg/L	20	18-Dec-2023 13:05
Aroclor 1242	U		0.0100	mg/L	20	18-Dec-2023 13:05
Aroclor 1248	U		0.0100	mg/L	20	18-Dec-2023 13:05
Aroclor 1254	U		0.0100	mg/L	20	18-Dec-2023 13:05
Aroclor 1260	U		0.0100	mg/L	20	18-Dec-2023 13:05
PCBs (Total)	**0.103**		**0.0100**	**mg/L**	20	18-Dec-2023 13:05
Surr: Decachlorobiphenyl	*123*	*J*	*54-140*	*%REC*	*20*	*18-Dec-2023 13:05*
Surr: Tetrachloro-m-xylene	*118*	*J*	*53-137*	*%REC*	*20*	*18-Dec-2023 13:05*
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: JAC
Nitrogen, Nitrate (As N)	U		1.00	mg/L	10	07-Dec-2023 22:19
Nitrogen, Nitrite (As N)	U		1.00	mg/L	10	07-Dec-2023 22:19
Sulfate	**169**		**5.00**	**mg/L**	10	07-Dec-2023 22:19
Nitrate/Nitrite (as N)	U		2.00	mg/L	10	07-Dec-2023 22:19
TOTAL ORGANIC CARBON BY SW9060A		**Method:SW9060**				Analyst: MZD
Organic Carbon, Total	**80.1**		**10.0**	**mg/L**	10	22-Dec-2023 18:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: Trip blank
Collection Date: 07-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,1-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,1-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,2-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 01:40
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 01:40
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 01:40
Acetone	U		0.0020	mg/L	1	16-Dec-2023 01:40
Benzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 01:40
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 01:40
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 01:40
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 01:40
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:40
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 01:40
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 01:40
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 01:40
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 01:40
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 01:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: Trip blank
Collection Date: 07-Dec-2023 00:00

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 01:40
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Styrene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Toluene	U		0.0010	mg/L	1	16-Dec-2023 01:40
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:40
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 01:40
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 01:40
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 01:40
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 01:40
Surr: 1,2-Dichloroethane-d4	*85.2*		*70-126*	*%REC*	*1*	*16-Dec-2023 01:40*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*16-Dec-2023 01:40*
Surr: Dibromofluoromethane	*84.4*		*77-123*	*%REC*	*1*	*16-Dec-2023 01:40*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*16-Dec-2023 01:40*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-07
Collection Date: 06-Dec-2023 11:55

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,1-Dichloroethane	**0.0069**		**0.0010**	**mg/L**	1	16-Dec-2023 05:02
1,1-Dichloroethene	**0.015**		**0.0010**	**mg/L**	1	16-Dec-2023 05:02
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,2-Dichloroethane	**0.0017**		**0.0010**	**mg/L**	1	16-Dec-2023 05:02
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 05:02
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 05:02
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 05:02
Acetone	U		0.0020	mg/L	1	16-Dec-2023 05:02
Benzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 05:02
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 05:02
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 05:02
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 05:02
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:02
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 05:02
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 05:02
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 05:02
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 05:02
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 05:02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-07
Collection Date: 06-Dec-2023 11:55

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 05:02
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Styrene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Toluene	U		0.0010	mg/L	1	16-Dec-2023 05:02
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:02
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:02
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 05:02
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 05:02
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 05:02
Surr: 1,2-Dichloroethane-d4	*83.9*		*70-126*	*%REC*	*1*	*16-Dec-2023 05:02*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*16-Dec-2023 05:02*
Surr: Dibromofluoromethane	*82.9*		*77-123*	*%REC*	*1*	*16-Dec-2023 05:02*
Surr: Toluene-d8	*110*		*82-127*	*%REC*	*1*	*16-Dec-2023 05:02*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-19
Collection Date: 06-Dec-2023 12:28

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-07
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,1-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,1-Dichloroethene	**0.0021**		**0.0010**	**mg/L**	1	16-Dec-2023 05:24
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,2-Dichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 05:24
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 05:24
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 05:24
Acetone	U		0.0020	mg/L	1	16-Dec-2023 05:24
Benzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Bromodichloromethane	**0.0023**		**0.0010**	**mg/L**	1	16-Dec-2023 05:24
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 05:24
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 05:24
Carbon tetrachloride	**0.032**		**0.0010**	**mg/L**	1	16-Dec-2023 05:24
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
Chloroform	**0.20**		**0.0010**	**mg/L**	1	16-Dec-2023 05:24
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:24
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 05:24
Dibromochloromethane	**0.0054**		**0.0010**	**mg/L**	1	16-Dec-2023 05:24
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 05:24
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 05:24
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 05:24
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 05:24
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 05:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-19
Collection Date: 06-Dec-2023 12:28

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-07
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 05:24
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Styrene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Tetrachloroethene	**0.0076**		**0.0010**	**mg/L**	1	16-Dec-2023 05:24
Toluene	U		0.0010	mg/L	1	16-Dec-2023 05:24
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:24
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:24
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 05:24
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 05:24
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 05:24
Surr: 1,2-Dichloroethane-d4	*83.8*		*70-126*	*%REC*	*1*	*16-Dec-2023 05:24*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*16-Dec-2023 05:24*
Surr: Dibromofluoromethane	*86.2*		*77-123*	*%REC*	*1*	*16-Dec-2023 05:24*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*1*	*16-Dec-2023 05:24*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-44
Collection Date: 06-Dec-2023 12:00

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-08
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,1-Dichloroethane	**0.0067**		**0.0010**	**mg/L**	1	16-Dec-2023 05:47
1,1-Dichloroethene	**0.088**		**0.0010**	**mg/L**	1	16-Dec-2023 05:47
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,2-Dichloroethane	**0.0069**		**0.0010**	**mg/L**	1	16-Dec-2023 05:47
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 05:47
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 05:47
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 05:47
Acetone	U		0.0020	mg/L	1	16-Dec-2023 05:47
Benzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 05:47
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 05:47
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 05:47
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 05:47
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:47
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 05:47
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 05:47
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 05:47
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 05:47
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 05:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-44
Collection Date: 06-Dec-2023 12:00

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-08
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 05:47
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Styrene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Toluene	U		0.0010	mg/L	1	16-Dec-2023 05:47
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:47
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 05:47
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 05:47
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 05:47
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 05:47
Surr: 1,2-Dichloroethane-d4	*85.4*		*70-126*	*%REC*	*1*	*16-Dec-2023 05:47*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*16-Dec-2023 05:47*
Surr: Dibromofluoromethane	*83.9*		*77-123*	*%REC*	*1*	*16-Dec-2023 05:47*
Surr: Toluene-d8	*109*		*82-127*	*%REC*	*1*	*16-Dec-2023 05:47*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-36
Collection Date: 06-Dec-2023 12:15

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-09
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
1,1,1-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,1,2,2-Tetrachloroethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,1,2-Trichloroethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,1-Dichloroethane	**0.020**		**0.0010**	**mg/L**	1	16-Dec-2023 06:09
1,1-Dichloroethene	**0.082**		**0.0010**	**mg/L**	1	16-Dec-2023 06:09
1,2,4-Trichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,2-Dibromo-3-chloropropane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,2-Dibromoethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,2-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,2-Dichloroethane	**0.012**		**0.0010**	**mg/L**	1	16-Dec-2023 06:09
1,2-Dichloropropane	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,3-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
1,4-Dichlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
2-Butanone	U		0.0020	mg/L	1	16-Dec-2023 06:09
2-Hexanone	U		0.0020	mg/L	1	16-Dec-2023 06:09
4-Methyl-2-pentanone	U		0.0020	mg/L	1	16-Dec-2023 06:09
Acetone	U		0.0020	mg/L	1	16-Dec-2023 06:09
Benzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Bromodichloromethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Bromoform	U		0.0010	mg/L	1	16-Dec-2023 06:09
Bromomethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Carbon disulfide	U		0.0020	mg/L	1	16-Dec-2023 06:09
Carbon tetrachloride	U		0.0010	mg/L	1	16-Dec-2023 06:09
Chlorobenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Chloroethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Chloroform	U		0.0010	mg/L	1	16-Dec-2023 06:09
Chloromethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
cis-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 06:09
cis-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Cyclohexane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Dibromochloromethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Dichlorodifluoromethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Ethylbenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Isopropylbenzene	U		0.0010	mg/L	1	16-Dec-2023 06:09
m,p-Xylene	U		0.0020	mg/L	1	16-Dec-2023 06:09
Methyl acetate	U		0.0010	mg/L	1	16-Dec-2023 06:09
Methyl tert-butyl ether	U		0.0010	mg/L	1	16-Dec-2023 06:09
Methylcyclohexane	U		0.0010	mg/L	1	16-Dec-2023 06:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
Sample ID: 6-36
Collection Date: 06-Dec-2023 12:15

ANALYTICAL REPORT
WorkOrder:HS23120388
Lab ID:HS23120388-09
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: PC
Methylene chloride	U		0.0020	mg/L	1	16-Dec-2023 06:09
o-Xylene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Styrene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Tetrachloroethene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Toluene	U		0.0010	mg/L	1	16-Dec-2023 06:09
trans-1,2-Dichloroethene	U		0.0010	mg/L	1	16-Dec-2023 06:09
trans-1,3-Dichloropropene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Trichloroethene	U		0.0010	mg/L	1	16-Dec-2023 06:09
Trichlorofluoromethane	U		0.0010	mg/L	1	16-Dec-2023 06:09
Vinyl chloride	U		0.0010	mg/L	1	16-Dec-2023 06:09
Xylenes, Total	U		0.0030	mg/L	1	16-Dec-2023 06:09
Surr: 1,2-Dichloroethane-d4	*85.9*		*70-126*	*%REC*	*1*	*16-Dec-2023 06:09*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*16-Dec-2023 06:09*
Surr: Dibromofluoromethane	*85.2*		*77-123*	*%REC*	*1*	*16-Dec-2023 06:09*
Surr: Toluene-d8	*110*		*82-127*	*%REC*	*1*	*16-Dec-2023 06:09*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 26-Dec-23

Weight / Prep Log

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

Batch ID: 204893 **Start Date:** 15 Dec 2023 14:34 **End Date:** 15 Dec 2023 14:34
Method: PCB AQ SEP FUN EXTRACT-SW3510C **Prep Code:** 3510_PCB

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23120388-01	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120388-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS23120388-03	1	90 (mL)	10 (mL)	0.1111	1-liter amber glass, Neat
HS23120388-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 204893 (0)	**Test Name :** PCBS BY SW8082A				**Matrix:** GW	
HS23120388-01	6-40-20231206	06 Dec 2023 11:00		15 Dec 2023 14:34	15 Dec 2023 18:51	1
HS23120388-02	6-13-20231206	06 Dec 2023 11:10		15 Dec 2023 14:34	15 Dec 2023 19:04	1
HS23120388-03	6-14-20231206	06 Dec 2023 10:25		15 Dec 2023 14:34	15 Dec 2023 19:16	1
HS23120388-04	6-54-20231206	06 Dec 2023 10:40		15 Dec 2023 14:34	18 Dec 2023 13:05	20
Batch ID: R453560 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** GW	
HS23120388-01	6-40-20231206	06 Dec 2023 11:00			07 Dec 2023 21:13	10
HS23120388-01	6-40-20231206	06 Dec 2023 11:00			07 Dec 2023 20:55	1
HS23120388-02	6-13-20231206	06 Dec 2023 11:10			07 Dec 2023 21:25	10
HS23120388-03	6-14-20231206	06 Dec 2023 10:25			07 Dec 2023 21:37	10
HS23120388-04	6-54-20231206	06 Dec 2023 10:40			07 Dec 2023 22:19	10
Batch ID: R454400 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS23120388-05	Trip blank	07 Dec 2023 00:00			16 Dec 2023 01:40	1
HS23120388-06	6-07	06 Dec 2023 11:55			16 Dec 2023 05:02	1
HS23120388-07	6-19	06 Dec 2023 12:28			16 Dec 2023 05:24	1
HS23120388-08	6-44	06 Dec 2023 12:00			16 Dec 2023 05:47	1
HS23120388-09	6-36	06 Dec 2023 12:15			16 Dec 2023 06:09	1
Batch ID: R454400 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS23120388-01	6-40-20231206	06 Dec 2023 11:00			16 Dec 2023 04:17	1
HS23120388-02	6-13-20231206	06 Dec 2023 11:10			16 Dec 2023 04:39	1
Batch ID: R454404 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS23120388-03	6-14-20231206	06 Dec 2023 10:25			17 Dec 2023 05:28	1
Batch ID: R454568 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS23120388-03	6-14-20231206	06 Dec 2023 10:25			19 Dec 2023 07:00	10
HS23120388-04	6-54-20231206	06 Dec 2023 10:40			19 Dec 2023 06:15	1
Batch ID: R455007 (0)	**Test Name :** TOTAL ORGANIC CARBON BY SW9060A				**Matrix:** GW	
HS23120388-01	6-40-20231206	06 Dec 2023 11:00			22 Dec 2023 13:22	1
HS23120388-02	6-13-20231206	06 Dec 2023 11:10			22 Dec 2023 13:40	1
HS23120388-03	6-14-20231206	06 Dec 2023 10:25			22 Dec 2023 18:54	100
HS23120388-04	6-54-20231206	06 Dec 2023 10:40			22 Dec 2023 18:18	10

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: 204893 (0) **Instrument: ECD_7** **Method: PCBS BY SW8082A**

MBLK Sample ID: **MBLK-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 17:48**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733578** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
PCBs (Total)	U	0.500								
Surr: Decachlorobiphenyl	*0.2113*	*0.0500*	*0.2*	*0*	*106*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1893*	*0.0500*	*0.2*	*0*	*94.7*	*53 - 137*				

LCS Sample ID: **LCS-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:01**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733579** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5.056	0.500	5	0	101	54 - 138				
Aroclor 1260	5.948	0.500	5	0	119	57 - 136				
PCBs (Total)	11	0.500	10	0	110	57 - 136				
Surr: Decachlorobiphenyl	*0.2169*	*0.0500*	*0.2*	*0*	*108*	*54 - 140*				
Surr: Tetrachloro-m-xylene	*0.1967*	*0.0500*	*0.2*	*0*	*98.3*	*53 - 137*				

LCSD Sample ID: **LCSD-204893** Units: **ug/L** Analysis Date: **15-Dec-2023 18:13**
Client ID: Run ID: **ECD_7_454428** SeqNo: **7733580** PrepDate: **15-Dec-2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.184	0.500	5	0	83.7	54 - 138	5.056	18.9	20	
Aroclor 1260	5.773	0.500	5	0	115	57 - 136	5.948	2.98	20	
PCBs (Total)	9.957	0.500	10	0	99.6	57 - 136	11	9.99		
Surr: Decachlorobiphenyl	*0.214*	*0.0500*	*0.2*	*0*	*107*	*54 - 140*	*0.2169*	*1.37*	*20*	
Surr: Tetrachloro-m-xylene	*0.1889*	*0.0500*	*0.2*	*0*	*94.5*	*53 - 137*	*0.1967*	*4.02*	*20*	

The following samples were analyzed in this batch: HS23120388-01 HS23120388-02 HS23120388-03 HS23120388-04

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:55**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732732** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:55**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732732** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*42.24*	*1.0*	*50*	*0*	*84.5*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*51.19*	*1.0*	*50*	*0*	*102*	*77 - 113*			
Surr: Dibromofluoromethane	*42.13*	*1.0*	*50*	*0*	*84.3*	*73 - 126*			
Surr: Toluene-d8	*55.16*	*1.0*	*50*	*0*	*110*	*81 - 120*			

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:11**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732731** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.43	1.0	20	0	112	70 - 130				
1,1,2,2-Tetrachloroethane	19.41	1.0	20	0	97.1	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	26.36	1.0	20	0	132	70 - 130				S
1,1,2-Trichloroethane	20.22	1.0	20	0	101	77 - 113				
1,1-Dichloroethane	20.22	1.0	20	0	101	71 - 122				
1,1-Dichloroethene	22.62	1.0	20	0	113	70 - 130				
1,2,4-Trichlorobenzene	19.97	1.0	20	0	99.8	77 - 126				
1,2-Dibromo-3-chloropropane	18.36	1.0	20	0	91.8	70 - 130				
1,2-Dibromoethane	20.2	1.0	20	0	101	76 - 123				
1,2-Dichlorobenzene	18.96	1.0	20	0	94.8	77 - 113				
1,2-Dichloroethane	20.04	1.0	20	0	100	70 - 124				
1,2-Dichloropropane	19.18	1.0	20	0	95.9	72 - 119				
1,3-Dichlorobenzene	19.03	1.0	20	0	95.1	78 - 118				
1,4-Dichlorobenzene	18.86	1.0	20	0	94.3	79 - 113				
2-Butanone	37.48	2.0	40	0	93.7	70 - 130				
2-Hexanone	35.79	2.0	40	0	89.5	70 - 130				
4-Methyl-2-pentanone	35.85	2.0	40	0	89.6	70 - 130				
Acetone	44.89	2.0	40	0	112	70 - 130				
Benzene	20.04	1.0	20	0	100	74 - 120				
Bromodichloromethane	19.67	1.0	20	0	98.4	74 - 122				
Bromoform	18.36	1.0	20	0	91.8	73 - 128				
Bromomethane	28.02	1.0	20	0	140	70 - 130				S
Carbon disulfide	45.6	2.0	40	0	114	70 - 130				
Carbon tetrachloride	21.4	1.0	20	0	107	71 - 125				
Chlorobenzene	19.35	1.0	20	0	96.7	76 - 113				
Chloroethane	22.09	1.0	20	0	110	70 - 130				
Chloroform	20.87	1.0	20	0	104	71 - 121				
Chloromethane	19.03	1.0	20	0	95.1	70 - 129				
cis-1,2-Dichloroethene	20.61	1.0	20	0	103	75 - 122				
cis-1,3-Dichloropropene	18.34	1.0	20	0	91.7	73 - 127				
Cyclohexane	22.34	1.0	20	0	112	70 - 130				
Dibromochloromethane	19.95	1.0	20	0	99.7	77 - 122				
Dichlorodifluoromethane	20.45	1.0	20	0	102	70 - 130				
Ethylbenzene	20.7	1.0	20	0	103	77 - 117				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-231215** Units: **ug/L** Analysis Date: **16-Dec-2023 00:11**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732731** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22.22	1.0	20	0	111	73 - 127				
m,p-Xylene	43.95	2.0	40	0	110	77 - 122				
Methyl acetate	20.96	1.0	20	0	105	76 - 122				
Methyl tert-butyl ether	20.1	1.0	20	0	101	70 - 130				
Methylcyclohexane	20.14	1.0	20	0	101	61 - 157				
Methylene chloride	22.9	2.0	20	0	114	70 - 127				
o-Xylene	20.9	1.0	20	0	104	75 - 119				
Styrene	21.88	1.0	20	0	109	72 - 126				
Tetrachloroethene	22.01	1.0	20	0	110	76 - 119				
Toluene	20.97	1.0	20	0	105	77 - 118				
trans-1,2-Dichloroethene	22.41	1.0	20	0	112	72 - 127				
trans-1,3-Dichloropropene	18.58	1.0	20	0	92.9	77 - 119				
Trichloroethene	20.73	1.0	20	0	104	77 - 121				
Trichlorofluoromethane	24.14	1.0	20	0	121	70 - 130				
Vinyl chloride	20.85	1.0	20	0	104	70 - 130				
Xylenes, Total	64.85	3.0	60	0	108	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.06*	*1.0*	*50*	*0*	*106*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.29*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*53.38*	*1.0*	*50*	*0*	*107*	*73 - 126*				
Surr: Toluene-d8	*51.31*	*1.0*	*50*	*0*	*103*	*81 - 120*				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120581-01MS** Units: **ug/L** Analysis Date: **16-Dec-2023 02:25**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732736** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.92	1.0	20	0	84.6	70 - 130				
1,1,2,2-Tetrachloroethane	20.84	1.0	20	0	104	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.72	1.0	20	0	98.6	70 - 130				
1,1,2-Trichloroethane	36.48	1.0	20	14.15	112	70 - 117				
1,1-Dichloroethane	165.9	1.0	20	154.8	55.7	70 - 127				SO
1,1-Dichloroethene	31.87	1.0	20	15.17	83.5	70 - 130				
1,2,4-Trichlorobenzene	20.3	1.0	20	0	102	70 - 125				
1,2-Dibromo-3-chloropropane	19.72	1.0	20	0	98.6	70 - 130				
1,2-Dibromoethane	20.16	1.0	20	0	101	70 - 124				
1,2-Dichlorobenzene	20.01	1.0	20	0	100	70 - 115				
1,2-Dichloroethane	45.25	1.0	20	27.62	88.1	70 - 127				
1,2-Dichloropropane	17.48	1.0	20	0	87.4	70 - 122				
1,3-Dichlorobenzene	19.67	1.0	20	0	98.4	70 - 119				
1,4-Dichlorobenzene	19.63	1.0	20	0	98.2	70 - 114				
2-Butanone	26.52	2.0	40	0	66.3	70 - 130				S
2-Hexanone	38.05	2.0	40	0	95.1	70 - 130				
4-Methyl-2-pentanone	37.97	2.0	40	0	94.9	70 - 130				
Acetone	30.35	2.0	40	0	75.9	70 - 130				
Benzene	21.76	1.0	20	3.549	91.0	70 - 127				
Bromodichloromethane	17.5	1.0	20	0	87.5	70 - 124				
Bromoform	19.61	1.0	20	0	98.1	70 - 129				
Bromomethane	19.46	1.0	20	0	97.3	70 - 130				
Carbon disulfide	34.21	2.0	40	0	85.5	70 - 130				
Carbon tetrachloride	20.31	1.0	20	0	102	70 - 130				
Chlorobenzene	21.29	1.0	20	0	106	70 - 114				
Chloroethane	28.53	1.0	20	12.98	77.7	70 - 130				
Chloroform	66.29	1.0	20	51.55	73.7	70 - 125				
Chloromethane	13.2	1.0	20	0	66.0	70 - 130				S
cis-1,2-Dichloroethene	66.36	1.0	20	51.64	73.6	70 - 128				
cis-1,3-Dichloropropene	16.63	1.0	20	0	83.1	70 - 125				
Cyclohexane	16.74	1.0	20	0	83.7	70 - 130				
Dibromochloromethane	20.14	1.0	20	0	101	70 - 124				
Dichlorodifluoromethane	10.58	1.0	20	0	52.9	70 - 130				S
Ethylbenzene	20.56	1.0	20	0	103	70 - 124				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23120581-01MS** Units: **ug/L** Analysis Date: **16-Dec-2023 02:25**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732736** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Isopropylbenzene	22.83	1.0	20	0	114	70 - 130			
m,p-Xylene	44.22	2.0	40	0	111	70 - 130			
Methyl acetate	14.24	1.0	20	0	71.2	76 - 122			S
Methyl tert-butyl ether	17.24	1.0	20	0	86.2	70 - 130			
Methylcyclohexane	20.43	1.0	20	0	102	61 - 158			
Methylene chloride	18.15	2.0	20	1.205	84.7	70 - 128			
o-Xylene	21.59	1.0	20	0	108	70 - 124			
Styrene	21.58	1.0	20	0	108	70 - 130			
Tetrachloroethene	41.82	1.0	20	19.04	114	70 - 130			
Toluene	21.47	1.0	20	0	107	70 - 123			
trans-1,2-Dichloroethene	133.6	1.0	20	120.5	65.5	70 - 130			SO
trans-1,3-Dichloropropene	17.37	1.0	20	0	86.9	70 - 121			
Trichloroethene	105.1	1.0	20	86.35	93.6	70 - 129			O
Trichlorofluoromethane	18.38	1.0	20	0	91.9	70 - 130			
Vinyl chloride	111.7	1.0	20	99.13	62.7	70 - 130			SO
Xylenes, Total	65.81	3.0	60	0	110	70 - 130			
Surr: 1,2-Dichloroethane-d4	*40.39*	*1.0*	*50*	*0*	*80.8*	*70 - 126*			
Surr: 4-Bromofluorobenzene	*54.23*	*1.0*	*50*	*0*	*108*	*77 - 113*			
Surr: Dibromofluoromethane	*41.43*	*1.0*	*50*	*0*	*82.9*	*77 - 123*			
Surr: Toluene-d8	*54.93*	*1.0*	*50*	*0*	*110*	*82 - 127*			

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120581-01MSD** Units: **ug/L** Analysis Date: **16-Dec-2023 02:48**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732737** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.99	1.0	20	0	84.9	70 - 130	16.92	0.413	20	
1,1,2,2-Tetrachloroethane	20.64	1.0	20	0	103	70 - 123	20.84	0.934	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	19.82	1.0	20	0	99.1	70 - 130	19.72	0.514	20	
1,1,2-Trichloroethane	36.02	1.0	20	14.15	109	70 - 117	36.48	1.24	20	
1,1-Dichloroethane	165.2	1.0	20	154.8	52.3	70 - 127	165.9	0.414	20	SO
1,1-Dichloroethene	32.34	1.0	20	15.17	85.9	70 - 130	31.87	1.46	20	
1,2,4-Trichlorobenzene	20.13	1.0	20	0	101	70 - 125	20.3	0.83	20	
1,2-Dibromo-3-chloropropane	19.51	1.0	20	0	97.6	70 - 130	19.72	1.07	20	
1,2-Dibromoethane	19.56	1.0	20	0	97.8	70 - 124	20.16	3	20	
1,2-Dichlorobenzene	19.85	1.0	20	0	99.2	70 - 115	20.01	0.813	20	
1,2-Dichloroethane	44.67	1.0	20	27.62	85.2	70 - 127	45.25	1.29	20	
1,2-Dichloropropane	17.02	1.0	20	0	85.1	70 - 122	17.48	2.67	20	
1,3-Dichlorobenzene	20.03	1.0	20	0	100	70 - 119	19.67	1.77	20	
1,4-Dichlorobenzene	19.19	1.0	20	0	96.0	70 - 114	19.63	2.25	20	
2-Butanone	26.23	2.0	40	0	65.6	70 - 130	26.52	1.12	20	S
2-Hexanone	36.84	2.0	40	0	92.1	70 - 130	38.05	3.23	20	
4-Methyl-2-pentanone	37.55	2.0	40	0	93.9	70 - 130	37.97	1.12	20	
Acetone	30.76	2.0	40	0	76.9	70 - 130	30.35	1.34	20	
Benzene	21.22	1.0	20	3.549	88.4	70 - 127	21.76	2.49	20	
Bromodichloromethane	17.67	1.0	20	0	88.4	70 - 124	17.5	0.95	20	
Bromoform	18.79	1.0	20	0	94.0	70 - 129	19.61	4.27	20	
Bromomethane	18.24	1.0	20	0	91.2	70 - 130	19.46	6.47	20	
Carbon disulfide	34.15	2.0	40	0	85.4	70 - 130	34.21	0.166	20	
Carbon tetrachloride	20	1.0	20	0	100.0	70 - 130	20.31	1.55	20	
Chlorobenzene	20.12	1.0	20	0	101	70 - 114	21.29	5.65	20	
Chloroethane	27.79	1.0	20	12.98	74.0	70 - 130	28.53	2.65	20	
Chloroform	65.14	1.0	20	51.55	67.9	70 - 125	66.29	1.75	20	S
Chloromethane	12.69	1.0	20	0	63.4	70 - 130	13.2	4.01	20	S
cis-1,2-Dichloroethene	66.68	1.0	20	51.64	75.2	70 - 128	66.36	0.49	20	
cis-1,3-Dichloropropene	16.48	1.0	20	0	82.4	70 - 125	16.63	0.874	20	
Cyclohexane	16.49	1.0	20	0	82.5	70 - 130	16.74	1.49	20	
Dibromochloromethane	19.73	1.0	20	0	98.6	70 - 124	20.14	2.09	20	
Dichlorodifluoromethane	10.12	1.0	20	0	50.6	70 - 130	10.58	4.44	20	S
Ethylbenzene	20.22	1.0	20	0	101	70 - 124	20.56	1.65	20	

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454400 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23120581-01MSD** Units: **ug/L** Analysis Date: **16-Dec-2023 02:48**
Client ID: Run ID: **VOA9_454400** SeqNo: **7732737** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22.04	1.0	20	0	110	70 - 130	22.83	3.51	20	
m,p-Xylene	42.98	2.0	40	0	107	70 - 130	44.22	2.86	20	
Methyl acetate	13.73	1.0	20	0	68.6	76 - 122	14.24	3.64	20	S
Methyl tert-butyl ether	17.42	1.0	20	0	87.1	70 - 130	17.24	1.04	20	
Methylcyclohexane	20.12	1.0	20	0	101	61 - 158	20.43	1.52	20	
Methylene chloride	18.62	2.0	20	1.205	87.1	70 - 128	18.15	2.59	20	
o-Xylene	20.75	1.0	20	0	104	70 - 124	21.59	3.94	20	
Styrene	21.43	1.0	20	0	107	70 - 130	21.58	0.692	20	
Tetrachloroethene	39.12	1.0	20	19.04	100	70 - 130	41.82	6.67	20	
Toluene	20.56	1.0	20	0	103	70 - 123	21.47	4.29	20	
trans-1,2-Dichloroethene	131.7	1.0	20	120.5	55.9	70 - 130	133.6	1.45	20	SO
trans-1,3-Dichloropropene	16.75	1.0	20	0	83.8	70 - 121	17.37	3.62	20	
Trichloroethene	101.9	1.0	20	86.35	77.9	70 - 129	105.1	3.02	20	O
Trichlorofluoromethane	17.63	1.0	20	0	88.2	70 - 130	18.38	4.13	20	
Vinyl chloride	110.5	1.0	20	99.13	56.9	70 - 130	111.7	1.04	20	SO
Xylenes, Total	63.73	3.0	60	0	106	70 - 130	65.81	3.21	20	
Surr: 1,2-Dichloroethane-d4	*41.05*	*1.0*	*50*	*0*	*82.1*	*70 - 126*	*40.39*	*1.63*	*20*	
Surr: 4-Bromofluorobenzene	*54.94*	*1.0*	*50*	*0*	*110*	*77 - 113*	*54.23*	*1.3*	*20*	
Surr: Dibromofluoromethane	*42.28*	*1.0*	*50*	*0*	*84.6*	*77 - 123*	*41.43*	*2.02*	*20*	
Surr: Toluene-d8	*54.45*	*1.0*	*50*	*0*	*109*	*82 - 127*	*54.93*	*0.864*	*20*	

The following samples were analyzed in this batch: HS23120388-01 HS23120388-02 HS23120388-05 HS23120388-06 HS23120388-07 HS23120388-08 HS23120388-09

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732828** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	U	1.0							
1,1,2,2-Tetrachloroethane	U	1.0							
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0							
1,1,2-Trichloroethane	U	1.0							
1,1-Dichloroethane	U	1.0							
1,1-Dichloroethene	U	1.0							
1,2,4-Trichlorobenzene	U	1.0							
1,2-Dibromo-3-chloropropane	U	1.0							
1,2-Dibromoethane	U	1.0							
1,2-Dichlorobenzene	U	1.0							
1,2-Dichloroethane	U	1.0							
1,2-Dichloropropane	U	1.0							
1,3-Dichlorobenzene	U	1.0							
1,4-Dichlorobenzene	U	1.0							
4-Methyl-2-pentanone	U	2.0							
Benzene	U	1.0							
Bromodichloromethane	U	1.0							
Bromoform	U	1.0							
Bromomethane	U	1.0							
Carbon disulfide	U	2.0							
Carbon tetrachloride	U	1.0							
Chlorobenzene	U	1.0							
Chloroethane	U	1.0							
Chloroform	U	1.0							
Chloromethane	U	1.0							
cis-1,2-Dichloroethene	U	1.0							
cis-1,3-Dichloropropene	U	1.0							
Cyclohexane	U	1.0							
Dibromochloromethane	U	1.0							
Dichlorodifluoromethane	U	1.0							
Ethylbenzene	U	1.0							
Isopropylbenzene	U	1.0							
m,p-Xylene	U	2.0							
Methyl acetate	U	1.0							

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732828** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Methyl tert-butyl ether	U	1.0							
Methylcyclohexane	U	1.0							
Methylene chloride	U	2.0							
o-Xylene	U	1.0							
Styrene	U	1.0							
Tetrachloroethene	U	1.0							
Toluene	U	1.0							
trans-1,2-Dichloroethene	U	1.0							
trans-1,3-Dichloropropene	U	1.0							
Trichloroethene	U	1.0							
Trichlorofluoromethane	U	1.0							
Vinyl chloride	U	1.0							
Xylenes, Total	U	3.0							
Surr: 1,2-Dichloroethane-d4	*42.56*	*1.0*	*50*	*0*	*85.1*	*70 - 123*			
Surr: 4-Bromofluorobenzene	*51.73*	*1.0*	*50*	*0*	*103*	*77 - 113*			
Surr: Dibromofluoromethane	*42.33*	*1.0*	*50*	*0*	*84.7*	*73 - 126*			
Surr: Toluene-d8	*54.61*	*1.0*	*50*	*0*	*109*	*81 - 120*			

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:14**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.87	1.0	20	0	114	70 - 130				
1,1,2,2-Tetrachloroethane	19.79	1.0	20	0	99.0	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	26.5	1.0	20	0	132	70 - 130				S
1,1,2-Trichloroethane	21.18	1.0	20	0	106	77 - 113				
1,1-Dichloroethane	21.35	1.0	20	0	107	71 - 122				
1,1-Dichloroethene	23.67	1.0	20	0	118	70 - 130				
1,2,4-Trichlorobenzene	20.97	1.0	20	0	105	77 - 126				
1,2-Dibromo-3-chloropropane	18.47	1.0	20	0	92.3	70 - 130				
1,2-Dibromoethane	20.88	1.0	20	0	104	76 - 123				
1,2-Dichlorobenzene	20.16	1.0	20	0	101	77 - 113				
1,2-Dichloroethane	21.27	1.0	20	0	106	70 - 124				
1,2-Dichloropropane	20.07	1.0	20	0	100	72 - 119				
1,3-Dichlorobenzene	20.38	1.0	20	0	102	78 - 118				
1,4-Dichlorobenzene	19.74	1.0	20	0	98.7	79 - 113				
4-Methyl-2-pentanone	38.08	2.0	40	0	95.2	70 - 130				
Benzene	20.55	1.0	20	0	103	74 - 120				
Bromodichloromethane	20.34	1.0	20	0	102	74 - 122				
Bromoform	19.29	1.0	20	0	96.5	73 - 128				
Bromomethane	29.24	1.0	20	0	146	70 - 130				S
Carbon disulfide	47.42	2.0	40	0	119	70 - 130				
Carbon tetrachloride	22.47	1.0	20	0	112	71 - 125				
Chlorobenzene	20.32	1.0	20	0	102	76 - 113				
Chloroethane	22.7	1.0	20	0	113	70 - 130				
Chloroform	21.54	1.0	20	0	108	71 - 121				
Chloromethane	20.25	1.0	20	0	101	70 - 129				
cis-1,2-Dichloroethene	21.45	1.0	20	0	107	75 - 122				
cis-1,3-Dichloropropene	19.21	1.0	20	0	96.0	73 - 127				
Cyclohexane	22.88	1.0	20	0	114	70 - 130				
Dibromochloromethane	20.3	1.0	20	0	101	77 - 122				
Dichlorodifluoromethane	21.4	1.0	20	0	107	70 - 130				
Ethylbenzene	21.4	1.0	20	0	107	77 - 117				
Isopropylbenzene	23.26	1.0	20	0	116	73 - 127				
m,p-Xylene	44.9	2.0	40	0	112	77 - 122				
Methyl acetate	21.5	1.0	20	0	108	76 - 122				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231216** Units: **ug/L** Analysis Date: **17-Dec-2023 00:14**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732827** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	19.89	1.0	20	0	99.4	70 - 130				
Methylcyclohexane	19.49	1.0	20	0	97.4	61 - 157				
Methylene chloride	23.99	2.0	20	0	120	70 - 127				
o-Xylene	22.31	1.0	20	0	112	75 - 119				
Styrene	22.51	1.0	20	0	113	72 - 126				
Tetrachloroethene	22.32	1.0	20	0	112	76 - 119				
Toluene	21.76	1.0	20	0	109	77 - 118				
trans-1,2-Dichloroethene	23.92	1.0	20	0	120	72 - 127				
trans-1,3-Dichloropropene	18.63	1.0	20	0	93.1	77 - 119				
Trichloroethene	21.35	1.0	20	0	107	77 - 121				
Trichlorofluoromethane	24.59	1.0	20	0	123	70 - 130				
Vinyl chloride	21.88	1.0	20	0	109	70 - 130				
Xylenes, Total	67.21	3.0	60	0	112	75 - 122				
Surr: 1,2-Dichloroethane-d4	*54.79*	*1.0*	*50*	*0*	*110*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.77*	*1.0*	*50*	*0*	*108*	*77 - 113*				
Surr: Dibromofluoromethane	*56.07*	*1.0*	*50*	*0*	*112*	*73 - 126*				
Surr: Toluene-d8	*52.3*	*1.0*	*50*	*0*	*105*	*81 - 120*				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23120989-18MS** Units: **ug/L** Analysis Date: **17-Dec-2023 03:36**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.25	1.0	20	0	86.3	70 - 130				
1,1,2,2-Tetrachloroethane	21.35	1.0	20	0	107	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	19.21	1.0	20	0	96.0	70 - 130				
1,1,2-Trichloroethane	20.82	1.0	20	0	104	70 - 117				
1,1-Dichloroethane	15.28	1.0	20	0	76.4	70 - 127				
1,1-Dichloroethene	16.81	1.0	20	0	84.0	70 - 130				
1,2,4-Trichlorobenzene	20.13	1.0	20	0	101	70 - 125				
1,2-Dibromo-3-chloropropane	19.81	1.0	20	0	99.0	70 - 130				
1,2-Dibromoethane	20.25	1.0	20	0	101	70 - 124				
1,2-Dichlorobenzene	20.65	1.0	20	0	103	70 - 115				
1,2-Dichloroethane	18.33	1.0	20	0	91.6	70 - 127				
1,2-Dichloropropane	17.5	1.0	20	0	87.5	70 - 122				
1,3-Dichlorobenzene	20.15	1.0	20	0	101	70 - 119				
1,4-Dichlorobenzene	19.83	1.0	20	0	99.2	70 - 114				
4-Methyl-2-pentanone	37.59	2.0	40	0	94.0	70 - 130				
Benzene	17.99	1.0	20	0	90.0	70 - 127				
Bromodichloromethane	18.29	1.0	20	0	91.4	70 - 124				
Bromoform	19.6	1.0	20	0	98.0	70 - 129				
Bromomethane	18.35	1.0	20	0	91.7	70 - 130				
Carbon disulfide	34.11	2.0	40	0	85.3	70 - 130				
Carbon tetrachloride	20.61	1.0	20	0	103	70 - 130				
Chlorobenzene	21.41	1.0	20	0	107	70 - 114				
Chloroethane	16.53	1.0	20	0	82.7	70 - 130				
Chloroform	16.12	1.0	20	0	80.6	70 - 125				
Chloromethane	12.31	1.0	20	0	61.5	70 - 130				S
cis-1,2-Dichloroethene	15.44	1.0	20	0	77.2	70 - 128				
cis-1,3-Dichloropropene	16.24	1.0	20	0	81.2	70 - 125				
Cyclohexane	16.91	1.0	20	0	84.6	70 - 130				
Dibromochloromethane	19.88	1.0	20	0	99.4	70 - 124				
Dichlorodifluoromethane	10.1	1.0	20	0	50.5	70 - 130				S
Ethylbenzene	21.28	1.0	20	0	106	70 - 124				
Isopropylbenzene	23.12	1.0	20	0	116	70 - 130				
m,p-Xylene	44.01	2.0	40	0	110	70 - 130				
Methyl acetate	11.83	1.0	20	0	59.1	76 - 122				S

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS23120989-18MS** Units: **ug/L** Analysis Date: **17-Dec-2023 03:36**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	18.46	1.0	20	0	92.3	70 - 130				
Methylcyclohexane	21.28	1.0	20	0	106	61 - 158				
Methylene chloride	17.23	2.0	20	0	86.1	70 - 128				
o-Xylene	21.42	1.0	20	0	107	70 - 124				
Styrene	22.1	1.0	20	0	111	70 - 130				
Tetrachloroethene	21.84	1.0	20	0	109	70 - 130				
Toluene	21.5	1.0	20	0	108	70 - 123				
trans-1,2-Dichloroethene	17.79	1.0	20	0	89.0	70 - 130				
trans-1,3-Dichloropropene	16.22	1.0	20	0	81.1	70 - 121				
Trichloroethene	18.67	1.0	20	0	93.4	70 - 129				
Trichlorofluoromethane	19.17	1.0	20	0	95.9	70 - 130				
Vinyl chloride	14.04	1.0	20	0	70.2	70 - 130				
Xylenes, Total	65.43	3.0	60	0	109	70 - 130				
Surr: 1,2-Dichloroethane-d4	*41.08*	*1.0*	*50*	*0*	*82.2*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*54.67*	*1.0*	*50*	*0*	*109*	*77 - 113*				
Surr: Dibromofluoromethane	*42.47*	*1.0*	*50*	*0*	*84.9*	*77 - 123*				
Surr: Toluene-d8	*55.18*	*1.0*	*50*	*0*	*110*	*82 - 127*				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23120989-18MSD** Units: **ug/L** Analysis Date: **17-Dec-2023 03:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.86	1.0	20	0	84.3	70 - 130	17.25	2.26	20	
1,1,2,2-Tetrachloroethane	20.28	1.0	20	0	101	70 - 123	21.35	5.15	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	19.05	1.0	20	0	95.3	70 - 130	19.21	0.803	20	
1,1,2-Trichloroethane	20.23	1.0	20	0	101	70 - 117	20.82	2.89	20	
1,1-Dichloroethane	15.49	1.0	20	0	77.5	70 - 127	15.28	1.35	20	
1,1-Dichloroethene	16.76	1.0	20	0	83.8	70 - 130	16.81	0.31	20	
1,2,4-Trichlorobenzene	19.76	1.0	20	0	98.8	70 - 125	20.13	1.86	20	
1,2-Dibromo-3-chloropropane	19.46	1.0	20	0	97.3	70 - 130	19.81	1.75	20	
1,2-Dibromoethane	20.3	1.0	20	0	102	70 - 124	20.25	0.248	20	
1,2-Dichlorobenzene	19.64	1.0	20	0	98.2	70 - 115	20.65	5.01	20	
1,2-Dichloroethane	17.76	1.0	20	0	88.8	70 - 127	18.33	3.16	20	
1,2-Dichloropropane	16.95	1.0	20	0	84.7	70 - 122	17.5	3.2	20	
1,3-Dichlorobenzene	19.79	1.0	20	0	99.0	70 - 119	20.15	1.8	20	
1,4-Dichlorobenzene	19.51	1.0	20	0	97.6	70 - 114	19.83	1.61	20	
4-Methyl-2-pentanone	36.55	2.0	40	0	91.4	70 - 130	37.59	2.81	20	
Benzene	17.53	1.0	20	0	87.7	70 - 127	17.99	2.6	20	
Bromodichloromethane	17.85	1.0	20	0	89.2	70 - 124	18.29	2.44	20	
Bromoform	18.46	1.0	20	0	92.3	70 - 129	19.6	6.03	20	
Bromomethane	17.68	1.0	20	0	88.4	70 - 130	18.35	3.69	20	
Carbon disulfide	34.38	2.0	40	0	86.0	70 - 130	34.11	0.806	20	
Carbon tetrachloride	20.23	1.0	20	0	101	70 - 130	20.61	1.85	20	
Chlorobenzene	19.84	1.0	20	0	99.2	70 - 114	21.41	7.62	20	
Chloroethane	15.42	1.0	20	0	77.1	70 - 130	16.53	6.92	20	
Chloroform	15.89	1.0	20	0	79.4	70 - 125	16.12	1.42	20	
Chloromethane	12.23	1.0	20	0	61.1	70 - 130	12.31	0.687	20	S
cis-1,2-Dichloroethene	15.56	1.0	20	0	77.8	70 - 128	15.44	0.785	20	
cis-1,3-Dichloropropene	16.11	1.0	20	0	80.6	70 - 125	16.24	0.802	20	
Cyclohexane	16.42	1.0	20	0	82.1	70 - 130	16.91	2.94	20	
Dibromochloromethane	19.68	1.0	20	0	98.4	70 - 124	19.88	1.01	20	
Dichlorodifluoromethane	9.856	1.0	20	0	49.3	70 - 130	10.1	2.46	20	S
Ethylbenzene	20.15	1.0	20	0	101	70 - 124	21.28	5.44	20	
Isopropylbenzene	22.42	1.0	20	0	112	70 - 130	23.12	3.08	20	
m,p-Xylene	43.01	2.0	40	0	108	70 - 130	44.01	2.31	20	
Methyl acetate	12.09	1.0	20	0	60.5	76 - 122	11.83	2.22	20	S

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454404 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23120989-18MSD** Units: **ug/L** Analysis Date: **17-Dec-2023 03:59**
Client ID: Run ID: **VOA9_454404** SeqNo: **7732836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Methyl tert-butyl ether	18.71	1.0	20	0	93.6	70 - 130	18.46	1.36	20	
Methylcyclohexane	20.62	1.0	20	0	103	61 - 158	21.28	3.18	20	
Methylene chloride	16.49	2.0	20	0	82.4	70 - 128	17.23	4.4	20	
o-Xylene	21.3	1.0	20	0	106	70 - 124	21.42	0.561	20	
Styrene	21.52	1.0	20	0	108	70 - 130	22.1	2.65	20	
Tetrachloroethene	21.48	1.0	20	0	107	70 - 130	21.84	1.64	20	
Toluene	20.57	1.0	20	0	103	70 - 123	21.5	4.44	20	
trans-1,2-Dichloroethene	16.98	1.0	20	0	84.9	70 - 130	17.79	4.69	20	
trans-1,3-Dichloropropene	16.23	1.0	20	0	81.2	70 - 121	16.22	0.0803	20	
Trichloroethene	17.97	1.0	20	0	89.8	70 - 129	18.67	3.87	20	
Trichlorofluoromethane	18.55	1.0	20	0	92.7	70 - 130	19.17	3.31	20	
Vinyl chloride	13.85	1.0	20	0	69.2	70 - 130	14.04	1.39	20	S
Xylenes, Total	64.3	3.0	60	0	107	70 - 130	65.43	1.74	20	
Surr: 1,2-Dichloroethane-d4	*41.09*	*1.0*	*50*	*0*	*82.2*	*70 - 126*	*41.08*	*0.00419*	*20*	
Surr: 4-Bromofluorobenzene	*53.53*	*1.0*	*50*	*0*	*107*	*77 - 113*	*54.67*	*2.11*	*20*	
Surr: Dibromofluoromethane	*41.84*	*1.0*	*50*	*0*	*83.7*	*77 - 123*	*42.47*	*1.51*	*20*	
Surr: Toluene-d8	*55.46*	*1.0*	*50*	*0*	*111*	*82 - 127*	*55.18*	*0.504*	*20*	

The following samples were analyzed in this batch: HS23120388-03

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231218** Units: **ug/L** Analysis Date: **19-Dec-2023 02:09**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736909** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1,1,1-Trichloroethane	U	1.0							
1,1,2,2-Tetrachloroethane	U	1.0							
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0							
1,1,2-Trichloroethane	U	1.0							
1,1-Dichloroethane	U	1.0							
1,1-Dichloroethene	U	1.0							
1,2,4-Trichlorobenzene	U	1.0							
1,2-Dibromo-3-chloropropane	U	1.0							
1,2-Dibromoethane	U	1.0							
1,2-Dichlorobenzene	U	1.0							
1,2-Dichloroethane	U	1.0							
1,2-Dichloropropane	U	1.0							
1,3-Dichlorobenzene	U	1.0							
1,4-Dichlorobenzene	U	1.0							
2-Butanone	U	2.0							
2-Hexanone	U	2.0							
4-Methyl-2-pentanone	U	2.0							
Acetone	U	2.0							
Benzene	U	1.0							
Bromodichloromethane	U	1.0							
Bromoform	U	1.0							
Bromomethane	U	1.0							
Carbon disulfide	U	2.0							
Carbon tetrachloride	U	1.0							
Chlorobenzene	U	1.0							
Chloroethane	U	1.0							
Chloroform	U	1.0							
Chloromethane	U	1.0							
cis-1,2-Dichloroethene	U	1.0							
cis-1,3-Dichloropropene	U	1.0							
Cyclohexane	U	1.0							
Dibromochloromethane	U	1.0							
Dichlorodifluoromethane	U	1.0							
Ethylbenzene	U	1.0							

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-231218** Units: **ug/L** Analysis Date: **19-Dec-2023 02:09**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736909** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	3.0								
Surr: 1,2-Dichloroethane-d4	*41.5*	*1.0*	*50*	*0*	*83.0*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.53*	*1.0*	*50*	*0*	*105*	*77 - 113*				
Surr: Dibromofluoromethane	*42.32*	*1.0*	*50*	*0*	*84.6*	*73 - 126*				
Surr: Toluene-d8	*54.53*	*1.0*	*50*	*0*	*109*	*81 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

LCS Sample ID: **VLCSW-231218** Units: **ug/L** Analysis Date: **19-Dec-2023 01:24**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736908** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.4	1.0	20	0	112	70 - 130				
1,1,2,2-Tetrachloroethane	20.42	1.0	20	0	102	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	25	1.0	20	0	125	70 - 130				
1,1,2-Trichloroethane	20.65	1.0	20	0	103	77 - 113				
1,1-Dichloroethane	21.58	1.0	20	0	108	71 - 122				
1,1-Dichloroethene	22.78	1.0	20	0	114	70 - 130				
1,2,4-Trichlorobenzene	21.14	1.0	20	0	106	77 - 126				
1,2-Dibromo-3-chloropropane	18.88	1.0	20	0	94.4	70 - 130				
1,2-Dibromoethane	20.69	1.0	20	0	103	76 - 123				
1,2-Dichlorobenzene	20.09	1.0	20	0	100	77 - 113				
1,2-Dichloroethane	20.24	1.0	20	0	101	70 - 124				
1,2-Dichloropropane	19.32	1.0	20	0	96.6	72 - 119				
1,3-Dichlorobenzene	20.11	1.0	20	0	101	78 - 118				
1,4-Dichlorobenzene	19.45	1.0	20	0	97.2	79 - 113				
2-Butanone	37.18	2.0	40	0	92.9	70 - 130				
2-Hexanone	36.74	2.0	40	0	91.9	70 - 130				
4-Methyl-2-pentanone	36.61	2.0	40	0	91.5	70 - 130				
Acetone	42.19	2.0	40	0	105	70 - 130				
Benzene	20.04	1.0	20	0	100	74 - 120				
Bromodichloromethane	19.76	1.0	20	0	98.8	74 - 122				
Bromoform	19.07	1.0	20	0	95.4	73 - 128				
Bromomethane	28.72	1.0	20	0	144	70 - 130				S
Carbon disulfide	45.23	2.0	40	0	113	70 - 130				
Carbon tetrachloride	21.75	1.0	20	0	109	71 - 125				
Chlorobenzene	19.97	1.0	20	0	99.8	76 - 113				
Chloroethane	22.27	1.0	20	0	111	70 - 130				
Chloroform	20.96	1.0	20	0	105	71 - 121				
Chloromethane	19.7	1.0	20	0	98.5	70 - 129				
cis-1,2-Dichloroethene	20.73	1.0	20	0	104	75 - 122				
cis-1,3-Dichloropropene	18.97	1.0	20	0	94.8	73 - 127				
Cyclohexane	22.4	1.0	20	0	112	70 - 130				
Dibromochloromethane	19.95	1.0	20	0	99.7	77 - 122				
Dichlorodifluoromethane	20.36	1.0	20	0	102	70 - 130				
Ethylbenzene	20.5	1.0	20	0	103	77 - 117				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

LCS Sample ID: **VLCSW-231218** Units: **ug/L** Analysis Date: **19-Dec-2023 01:24**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736908** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22.33	1.0	20	0	112	73 - 127				
m,p-Xylene	44.32	2.0	40	0	111	77 - 122				
Methyl acetate	21.24	1.0	20	0	106	76 - 122				
Methyl tert-butyl ether	19.2	1.0	20	0	96.0	70 - 130				
Methylcyclohexane	19.19	1.0	20	0	96.0	61 - 157				
Methylene chloride	23.35	2.0	20	0	117	70 - 127				
o-Xylene	21.18	1.0	20	0	106	75 - 119				
Styrene	21.9	1.0	20	0	109	72 - 126				
Tetrachloroethene	21.44	1.0	20	0	107	76 - 119				
Toluene	21.37	1.0	20	0	107	77 - 118				
trans-1,2-Dichloroethene	22.93	1.0	20	0	115	72 - 127				
trans-1,3-Dichloropropene	19.14	1.0	20	0	95.7	77 - 119				
Trichloroethene	20.55	1.0	20	0	103	77 - 121				
Trichlorofluoromethane	23.74	1.0	20	0	119	70 - 130				
Vinyl chloride	20.2	1.0	20	0	101	70 - 130				
Xylenes, Total	65.5	3.0	60	0	109	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.67*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.69*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*54.57*	*1.0*	*50*	*0*	*109*	*73 - 126*				
Surr: Toluene-d8	*52.06*	*1.0*	*50*	*0*	*104*	*81 - 120*				

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23121060-05MS** Units: **ug/L** Analysis Date: **19-Dec-2023 02:54**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736911** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.21	1.0	20	0	86.0	70 - 130				
1,1,2,2-Tetrachloroethane	20.08	1.0	20	0	100	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	20.75	1.0	20	0	104	70 - 130				
1,1,2-Trichloroethane	20.24	1.0	20	0	101	70 - 117				
1,1-Dichloroethane	15.99	1.0	20	0	79.9	70 - 127				
1,1-Dichloroethene	17.6	1.0	20	0	88.0	70 - 130				
1,2,4-Trichlorobenzene	20.67	1.0	20	0	103	70 - 125				
1,2-Dibromo-3-chloropropane	17.4	1.0	20	0	87.0	70 - 130				
1,2-Dibromoethane	19.75	1.0	20	0	98.7	70 - 124				
1,2-Dichlorobenzene	19.64	1.0	20	0	98.2	70 - 115				
1,2-Dichloroethane	17.16	1.0	20	0	85.8	70 - 127				
1,2-Dichloropropane	16.72	1.0	20	0	83.6	70 - 122				
1,3-Dichlorobenzene	19.83	1.0	20	0	99.1	70 - 119				
1,4-Dichlorobenzene	19.29	1.0	20	0	96.4	70 - 114				
2-Butanone	24.98	2.0	40	0	62.4	70 - 130				S
2-Hexanone	34.29	2.0	40	0	85.7	70 - 130				
4-Methyl-2-pentanone	35.05	2.0	40	0	87.6	70 - 130				
Acetone	24.55	2.0	40	0	61.4	70 - 130				S
Benzene	17.73	1.0	20	0	88.7	70 - 127				
Bromodichloromethane	18.01	1.0	20	0	90.1	70 - 124				
Bromoform	19.01	1.0	20	0	95.0	70 - 129				
Bromomethane	18.28	1.0	20	0	91.4	70 - 130				
Carbon disulfide	35.76	2.0	40	0	89.4	70 - 130				
Carbon tetrachloride	20.51	1.0	20	0	103	70 - 130				
Chlorobenzene	20.29	1.0	20	0	101	70 - 114				
Chloroethane	15.9	1.0	20	0	79.5	70 - 130				
Chloroform	15.88	1.0	20	0	79.4	70 - 125				
Chloromethane	11.95	1.0	20	0	59.7	70 - 130				S
cis-1,2-Dichloroethene	15.41	1.0	20	0	77.1	70 - 128				
cis-1,3-Dichloropropene	16.34	1.0	20	0	81.7	70 - 125				
Cyclohexane	18.12	1.0	20	0	90.6	70 - 130				
Dibromochloromethane	20.22	1.0	20	0	101	70 - 124				
Dichlorodifluoromethane	9.409	1.0	20	0	47.0	70 - 130				S
Ethylbenzene	21.31	1.0	20	0	107	70 - 124				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS23121060-05MS** Units: **ug/L** Analysis Date: **19-Dec-2023 02:54**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736911** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	23.75	1.0	20	0	119	70 - 130				
m,p-Xylene	46.51	2.0	40	0	116	70 - 130				
Methyl acetate	12.39	1.0	20	0	62.0	76 - 122				S
Methyl tert-butyl ether	17.95	1.0	20	0	89.8	70 - 130				
Methylcyclohexane	21.66	1.0	20	0	108	61 - 158				
Methylene chloride	18.25	2.0	20	0	91.2	70 - 128				
o-Xylene	22.16	1.0	20	0	111	70 - 124				
Styrene	21.68	1.0	20	0	108	70 - 130				
Tetrachloroethene	23.14	1.0	20	0	116	70 - 130				
Toluene	21.34	1.0	20	0	107	70 - 123				
trans-1,2-Dichloroethene	17.31	1.0	20	0	86.5	70 - 130				
trans-1,3-Dichloropropene	16.37	1.0	20	0	81.8	70 - 121				
Trichloroethene	18.04	1.0	20	0	90.2	70 - 129				
Trichlorofluoromethane	18.67	1.0	20	0	93.3	70 - 130				
Vinyl chloride	14.39	1.0	20	0	72.0	70 - 130				
Xylenes, Total	68.67	3.0	60	0	114	70 - 130				
Surr: 1,2-Dichloroethane-d4	*41.08*	*1.0*	*50*	*0*	*82.2*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*55.51*	*1.0*	*50*	*0*	*111*	*77 - 113*				
Surr: Dibromofluoromethane	*42.47*	*1.0*	*50*	*0*	*84.9*	*77 - 123*				
Surr: Toluene-d8	*55.34*	*1.0*	*50*	*0*	*111*	*82 - 127*				

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument:** VOA9 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS23121060-05MSD** Units: **ug/L** Analysis Date: **19-Dec-2023 03:16**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736912** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.38	1.0	20	0	81.9	70 - 130	17.21	4.89	20	
1,1,2,2-Tetrachloroethane	20	1.0	20	0	100.0	70 - 123	20.08	0.396	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	19.38	1.0	20	0	96.9	70 - 130	20.75	6.81	20	
1,1,2-Trichloroethane	18.94	1.0	20	0	94.7	70 - 117	20.24	6.62	20	
1,1-Dichloroethane	14.63	1.0	20	0	73.1	70 - 127	15.99	8.88	20	
1,1-Dichloroethene	16.88	1.0	20	0	84.4	70 - 130	17.6	4.13	20	
1,2,4-Trichlorobenzene	20.43	1.0	20	0	102	70 - 125	20.67	1.16	20	
1,2-Dibromo-3-chloropropane	18.69	1.0	20	0	93.4	70 - 130	17.4	7.13	20	
1,2-Dibromoethane	18.87	1.0	20	0	94.4	70 - 124	19.75	4.53	20	
1,2-Dichlorobenzene	18.86	1.0	20	0	94.3	70 - 115	19.64	4.04	20	
1,2-Dichloroethane	16.75	1.0	20	0	83.8	70 - 127	17.16	2.42	20	
1,2-Dichloropropane	16.43	1.0	20	0	82.1	70 - 122	16.72	1.75	20	
1,3-Dichlorobenzene	19.5	1.0	20	0	97.5	70 - 119	19.83	1.67	20	
1,4-Dichlorobenzene	19.05	1.0	20	0	95.2	70 - 114	19.29	1.26	20	
2-Butanone	24.55	2.0	40	0	61.4	70 - 130	24.98	1.71	20	S
2-Hexanone	34.98	2.0	40	0	87.5	70 - 130	34.29	2	20	
4-Methyl-2-pentanone	34.85	2.0	40	0	87.1	70 - 130	35.05	0.574	20	
Acetone	25.11	2.0	40	0	62.8	70 - 130	24.55	2.24	20	S
Benzene	17	1.0	20	0	85.0	70 - 127	17.73	4.23	20	
Bromodichloromethane	16.87	1.0	20	0	84.4	70 - 124	18.01	6.54	20	
Bromoform	18.39	1.0	20	0	92.0	70 - 129	19.01	3.28	20	
Bromomethane	17.3	1.0	20	0	86.5	70 - 130	18.28	5.47	20	
Carbon disulfide	34.28	2.0	40	0	85.7	70 - 130	35.76	4.21	20	
Carbon tetrachloride	19.21	1.0	20	0	96.1	70 - 130	20.51	6.5	20	
Chlorobenzene	18.91	1.0	20	0	94.6	70 - 114	20.29	7.02	20	
Chloroethane	15.52	1.0	20	0	77.6	70 - 130	15.9	2.42	20	
Chloroform	14.99	1.0	20	0	75.0	70 - 125	15.88	5.72	20	
Chloromethane	11.64	1.0	20	0	58.2	70 - 130	11.95	2.57	20	S
cis-1,2-Dichloroethene	14.71	1.0	20	0	73.5	70 - 128	15.41	4.65	20	
cis-1,3-Dichloropropene	15.98	1.0	20	0	79.9	70 - 125	16.34	2.26	20	
Cyclohexane	17.28	1.0	20	0	86.4	70 - 130	18.12	4.74	20	
Dibromochloromethane	18.98	1.0	20	0	94.9	70 - 124	20.22	6.3	20	
Dichlorodifluoromethane	8.85	1.0	20	0	44.3	70 - 130	9.409	6.12	20	S
Ethylbenzene	19.97	1.0	20	0	99.8	70 - 124	21.31	6.5	20	

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R454568 (0) **Instrument: VOA9** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS23121060-05MSD** Units: **ug/L** Analysis Date: **19-Dec-2023 03:16**
Client ID: Run ID: **VOA9_454568** SeqNo: **7736912** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Isopropylbenzene	22.4	1.0	20	0	112	70 - 130	23.75	5.83	20	
m,p-Xylene	42.75	2.0	40	0	107	70 - 130	46.51	8.42	20	
Methyl acetate	12.3	1.0	20	0	61.5	76 - 122	12.39	0.709	20	S
Methyl tert-butyl ether	17.47	1.0	20	0	87.3	70 - 130	17.95	2.72	20	
Methylcyclohexane	20.96	1.0	20	0	105	61 - 158	21.66	3.32	20	
Methylene chloride	17.72	2.0	20	0	88.6	70 - 128	18.25	2.91	20	
o-Xylene	20.85	1.0	20	0	104	70 - 124	22.16	6.08	20	
Styrene	20.9	1.0	20	0	105	70 - 130	21.68	3.65	20	
Tetrachloroethene	20.95	1.0	20	0	105	70 - 130	23.14	9.94	20	
Toluene	19.9	1.0	20	0	99.5	70 - 123	21.34	6.97	20	
trans-1,2-Dichloroethene	16.55	1.0	20	0	82.7	70 - 130	17.31	4.49	20	
trans-1,3-Dichloropropene	16.33	1.0	20	0	81.7	70 - 121	16.37	0.222	20	
Trichloroethene	17.93	1.0	20	0	89.6	70 - 129	18.04	0.592	20	
Trichlorofluoromethane	17.53	1.0	20	0	87.6	70 - 130	18.67	6.28	20	
Vinyl chloride	13.67	1.0	20	0	68.3	70 - 130	14.39	5.19	20	S
Xylenes, Total	63.61	3.0	60	0	106	70 - 130	68.67	7.66	20	
Surr: 1,2-Dichloroethane-d4	*41.05*	*1.0*	*50*	*0*	*82.1*	*70 - 126*	*41.08*	*0.0772*	*20*	
Surr: 4-Bromofluorobenzene	*54.28*	*1.0*	*50*	*0*	*109*	*77 - 113*	*55.51*	*2.25*	*20*	
Surr: Dibromofluoromethane	*42.24*	*1.0*	*50*	*0*	*84.5*	*77 - 123*	*42.47*	*0.549*	*20*	
Surr: Toluene-d8	*54.42*	*1.0*	*50*	*0*	*109*	*82 - 127*	*55.34*	*1.67*	*20*	

The following samples were analyzed in this batch: HS23120388-03 HS23120388-04

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R453560 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **07-Dec-2023 14:46**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714687** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	U	0.100								
Nitrogen, Nitrite (As N)	U	0.100								
Nitrate/Nitrite (as N)	U	0.200								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **07-Dec-2023 17:50**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714688** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.091	0.100	4	0	102	90 - 110				
Nitrogen, Nitrite (As N)	4.032	0.100	4	0	101	90 - 110				
Nitrate/Nitrite (as N)	8.123	0.200	8	0	102	90 - 110				
Sulfate	19.37	0.500	20	0	96.8	90 - 110				

MS Sample ID: **HS23120388-01MS** Units: **mg/L** Analysis Date: **07-Dec-2023 21:01**
Client ID: **6-40-20231206** Run ID: **ICS-Integrion_453560** SeqNo: **7714713** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.386	0.100	2	0.0234	118	80 - 120				
Nitrogen, Nitrite (As N)	2.12	0.100	2	0.0425	104	80 - 120				
Nitrate/Nitrite (as N)	4.506	0.200	4	0.0425	112	80 - 120				
Sulfate	169.5	0.500	10	169.7	-2.44	80 - 120				SEO

MS Sample ID: **HS23120358-03MS** Units: **mg/L** Analysis Date: **07-Dec-2023 18:32**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714694** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	3.454	0.100	2	1.269	109	80 - 120				
Nitrogen, Nitrite (As N)	2.012	0.100	2	0.0308	99.0	80 - 120				
Nitrate/Nitrite (as N)	5.465	0.200	4	1.3	104	80 - 120				
Sulfate	504.1	0.500	10	503.9	2.60	80 - 120				SEO

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R453560 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MSD Sample ID: **HS23120388-01MSD** Units: **mg/L** Analysis Date: **07-Dec-2023 21:07**
Client ID: **6-40-20231206** Run ID: **ICS-Integrion_453560** SeqNo: **7714714** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.39	0.100	2	0.0234	118	80 - 120	2.386	0.188	20	
Nitrogen, Nitrite (As N)	2.123	0.100	2	0.0425	104	80 - 120	2.12	0.146	20	
Nitrate/Nitrite (as N)	4.513	0.200	4	0.0425	112	80 - 120	4.506	0.169	20	
Sulfate	170.1	0.500	10	169.7	3.98	80 - 120	169.5	0.378	20	SEO

MSD Sample ID: **HS23120358-03MSD** Units: **mg/L** Analysis Date: **07-Dec-2023 18:38**
Client ID: Run ID: **ICS-Integrion_453560** SeqNo: **7714695** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	3.493	0.100	2	1.269	111	80 - 120	3.454	1.12	20	
Nitrogen, Nitrite (As N)	2.011	0.100	2	0.0308	99.0	80 - 120	2.012	0.0447	20	
Nitrate/Nitrite (as N)	5.504	0.200	4	1.3	105	80 - 120	5.465	0.695	20	
Sulfate	504.6	0.500	10	503.9	7.40	80 - 120	504.1	0.0952	20	SEO

The following samples were analyzed in this batch: HS23120388-01 HS23120388-02 HS23120388-03 HS23120388-04

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: HS23120388

QC BATCH REPORT

Batch ID: R455007 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY SW9060A**

MBLK Sample ID: **MBLK-12222023** Units: **mg/L** Analysis Date: **22-Dec-2023 10:47**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746859** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-12222023** Units: **mg/L** Analysis Date: **22-Dec-2023 11:06**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746860** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.923	1.00	10	0	99.2	85 - 115				

LCSD Sample ID: **LCSD-12222023** Units: **mg/L** Analysis Date: **22-Dec-2023 11:23**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746861** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.847	1.00	10	0	98.5	85 - 115	9.923	0.769	20	

MS Sample ID: **HS23120380-02MS** Units: **mg/L** Analysis Date: **22-Dec-2023 12:01**
Client ID: Run ID: **TOC_05_455007** SeqNo: **7746863** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	53.74	1.00	10	44.63	91.1	80 - 120				EO

The following samples were analyzed in this batch: HS23120388-01 HS23120388-02 HS23120388-03 HS23120388-04

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ALS Houston, US Date: 26-Dec-23

Client: GHD
Project: 12603647 - Laguna 2023
WorkOrder: **HS23120388**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

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CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

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ALS Houston, US Date: 26-Dec-23

Sample Receipt Checklist

Work Order ID: HS23120388 **Date/Time Received:** 07-Dec-2023 09:35

Client Name: GHDHouston **Received by:** Nelson D. Dusara

Completed By: /S/ Malcolm Burleson (eSignature) 07-Dec-2023 13:23 (Date/Time) **Reviewed by:** /S/ James Guin (eSignature) 08-Dec-2023 11:41 (Date/Time)

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:298563
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☐	No ☑	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.2UC 1.1C	IR31	
Cooler(s)/Kit(s):	51640		
Date/Time sample(s) sent to storage:	12072023		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:
Sample ID 6-13-20231206 Received 6 bottles, COC lists 8
Sample ID 6-54-20231206 Received 10 bottles, COC lists 8
Sample ID 6-13-20231206 The PCB ambers were missing from the cooler. Not logged in for analysis.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 1

COC ID: 305205

GHD
12603647 - Laguna 2023

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	E-19002-GS-26050007 Stacy Boul	Project Name	12603647 - Laguna 2023	A	8260_LL_W (8260 VOC TCL4.3) [3xVOA HCl]
Work Order		Project Number	12603647	B	PCB_W_Total (8082 PCB) [2x1L Am G Neat]
Company Name	GHD	Bill To Company	Transwestern Pipeline Company	C	300_W (300 *NO3, NO2*, SO4) [120ml P Neat]
Send Report To	Blair Owen	Invoice Attn	Stacy Boultinghouse	D	TOC_W 9060 (9060 TOC) [2xVOAAm H2SO4]
Address	11451 Katy Fwy Suite 400	Address	800 Sonterra Blvd, Ste 400	E	8260_LL_W (Trip Blank: 8260 VOC TCL4.3) [2xVOA HCl]
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	San Antonio TX 78258	G	
Phone	(713) 734-3090	Phone		H	
Fax	(713) 734-3391	Fax		I	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	Stacy.Boultinghouse@energytransfer.com		

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	L-40-20231206	12/6/23	1100	GW	8	8	—										
2	L-13-20231206	12/6/23	1110	GW	8	8	—										
3	L-14-20231206	12/6/23	1025	GW	8	8	—										
4	L-54-20231206	12/6/23	1040	GW	8	8	—										
5	trip blank																
6	temp blank																
7	L-07		1155	GW	8	8	X										
8	L-99		1220														
9	L-44		1200														
10	L-36		1215														

Page 56 of 57

Sampler(s) Please Print & Sign: Elizabeth Fair

Shipment Method: Sample cooler / FedEx

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by	Date:	Time:	Received by	Notes: TPC Laguna NM
Elizabeth Fair	12/6/23	1700		
Relinquished by	Date:	Time:	Received by (Laboratory)	
	12/07/23	9:35	[illegible]	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)
51264	1.8	[X] Level II Std QC [ ] TRRP CheckMate
		[ ] Level III Std QC/Raw Data [ ] TRRP Level IV
		[ ] Level IV SW846/CLP
		[ ] Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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CIF-01 FR31

Received by OCD: 5/2/2024 6:19:13 AM
Released to Imaging: 6/5/2024 4:51:36 PM
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ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

51264

CUSTODY SEAL

Date: 12/6/23 Time: 1782
Name: Simon Kozik
Company: GHD

Seal Broken By:
Date: 12/07/23

51264 DEC 07 2023

Must Deliver Next Business Day
Time and Tempature Sensitive!

51264

Part# 159469-434 MTN EXP 01/24

ORIGIN ID:SGRA (505) 934-0902
SIMON KOZIK
GHD
6121 INDIAN SCHOOL RD

ALBUQUERQUE, NM 87110
UNITED STATES US

SHIP DATE: 28NOV23
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3755
DIMS: 26x14x14 IN

TO SAMPLE RECEIVING
ALS LABORATORY GROUP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: LAGUNA 2023-B097244-JG

RMA:

FedEx Express

FedEx
TRK# 0221 6862 6799 5024

THU - 07 DEC 12:00
PRIORITY OVERNIGH

XA SGRA

77099
TX-US IAH

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Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 28, 2023

Blair Owen
GHD
6121 Indian School Road, NE #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX:

RE: Laguna Station 6 OrderNo.: 2303641

Dear Blair Owen:

Eurofins Environment Testing South Central, LLC received 9 sample(s) on 3/10/2023 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued March 29, 2023.

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. 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. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

CLIENT: GHD
Client Sample ID: 6-14-20230310
Project: Laguna Station 6
Collection Date: 3/10/2023 11:45:00 AM
Lab ID: 2303641-001
Matrix: GROUNDWA
Received Date: 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	1200	10		mg/L	10	3/17/2023 6:54:42 PM	R95472
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/10/2023 6:43:17 PM	R95186
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/10/2023 6:43:17 PM	R95186
Sulfate	2.8	2.5		mg/L	5	3/10/2023 6:43:17 PM	R95186
EPA METHOD 8082A: PCB'S						Analyst: **JME**	
Aroclor 1016	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Aroclor 1221	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Aroclor 1232	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Aroclor 1242	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Aroclor 1248	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Aroclor 1254	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Aroclor 1260	ND	0.83	D	µg/L	1	3/21/2023 7:48:40 PM	73745
Surr: Decachlorobiphenyl	80.0	15-175	D	%Rec	1	3/21/2023 7:48:40 PM	73745
Surr: Tetrachloro-m-xylene	76.4	15-137	D	%Rec	1	3/21/2023 7:48:40 PM	73745
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	1.5	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Acetone	200	10		µg/L	1	3/21/2023 7:12:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
2-Butanone	250	100		µg/L	10	3/21/2023 7:16:24 PM	R95450
Carbon disulfide	ND	10		µg/L	1	3/21/2023 7:12:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Chloroethane	6.5	2.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-14-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 11:45:00 AM
Lab ID: 2303641-001 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Chloromethane	ND	3.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
cis-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1-Dichloroethane	6.3	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1-Dichloroethene	1.7	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
2-Hexanone	66	10		µg/L	1	3/21/2023 7:12:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 7:12:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-14-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 11:45:00 AM
Lab ID: 2303641-001 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 7:12:00 AM	R95406
Xylenes, Total	ND	1.5		µg/L	1	3/21/2023 7:12:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	3/21/2023 7:12:00 AM	R95406
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/21/2023 7:12:00 AM	R95406
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/21/2023 7:12:00 AM	R95406
Surr: Toluene-d8	102	70-130		%Rec	1	3/21/2023 7:12:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-40-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 11:10:00 AM
Lab ID: 2303641-002 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	20	4.1		mg/L	4.1	3/17/2023 8:24:32 PM	R95472
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/10/2023 7:09:00 PM	R95186
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/10/2023 7:09:00 PM	R95186
Sulfate	69	2.5		mg/L	5	3/10/2023 7:09:00 PM	R95186
EPA METHOD 8082A: PCB'S						Analyst: **JME**	
Aroclor 1016	14	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Aroclor 1221	ND	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Aroclor 1232	ND	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Aroclor 1242	ND	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Aroclor 1248	ND	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Aroclor 1254	ND	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Aroclor 1260	ND	0.25		µg/L	1	3/21/2023 8:24:39 PM	73745
Surr: Decachlorobiphenyl	91.2	15-175		%Rec	1	3/21/2023 8:24:39 PM	73745
Surr: Tetrachloro-m-xylene	86.8	15-137		%Rec	1	3/21/2023 8:24:39 PM	73745
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	1.2	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Acetone	ND	10		µg/L	1	3/21/2023 7:35:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
2-Butanone	ND	10		µg/L	1	3/21/2023 7:35:00 AM	R95406
Carbon disulfide	ND	10		µg/L	1	3/21/2023 7:35:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Chloroethane	4.9	2.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-40-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 11:10:00 AM
Lab ID: 2303641-002 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Chloromethane	ND	3.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
cis-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1-Dichloroethane	40	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1-Dichloroethene	15	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
2-Hexanone	ND	10		µg/L	1	3/21/2023 7:35:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 7:35:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-40-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 11:10:00 AM
Lab ID: 2303641-002 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 7:35:00 AM	R95406
Xylenes, Total	ND	1.5		µg/L	1	3/21/2023 7:35:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	3/21/2023 7:35:00 AM	R95406
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	3/21/2023 7:35:00 AM	R95406
Surr: Dibromofluoromethane	103	70-130		%Rec	1	3/21/2023 7:35:00 AM	R95406
Surr: Toluene-d8	100	70-130		%Rec	1	3/21/2023 7:35:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

CLIENT: GHD **Client Sample ID:** 6-54-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 12:26:00 PM
Lab ID: 2303641-003 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	270	10		mg/L	10	3/17/2023 8:54:57 PM	R95472
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/10/2023 7:34:45 PM	R95186
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/10/2023 7:34:45 PM	R95186
Sulfate	110	2.5		mg/L	5	3/10/2023 7:34:45 PM	R95186
EPA METHOD 8082A: PCB'S						Analyst: **JME**	
Aroclor 1016	ND	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Aroclor 1221	ND	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Aroclor 1232	ND	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Aroclor 1242	46	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Aroclor 1248	ND	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Aroclor 1254	ND	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Aroclor 1260	ND	1.0	D	µg/L	1	3/22/2023 12:34:30 PM	73745
Surr: Decachlorobiphenyl	54.0	15-175	D	%Rec	1	3/22/2023 12:34:30 PM	73745
Surr: Tetrachloro-m-xylene	41.2	15-137	D	%Rec	1	3/22/2023 12:34:30 PM	73745
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Toluene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Ethylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Naphthalene	ND	4.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1-Methylnaphthalene	ND	8.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
2-Methylnaphthalene	ND	8.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Acetone	29	20		µg/L	2	3/21/2023 7:58:00 AM	R95406
Bromobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Bromodichloromethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Bromoform	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Bromomethane	ND	6.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
2-Butanone	ND	20		µg/L	2	3/21/2023 7:58:00 AM	R95406
Carbon disulfide	ND	20		µg/L	2	3/21/2023 7:58:00 AM	R95406
Carbon Tetrachloride	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Chlorobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Chloroethane	ND	4.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Chloroform	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-54-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 12:26:00 PM
Lab ID: 2303641-003 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Chloromethane	ND	6.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
2-Chlorotoluene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
4-Chlorotoluene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
cis-1,2-DCE	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Dibromochloromethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Dibromomethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2-Dichlorobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,3-Dichlorobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,4-Dichlorobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Dichlorodifluoromethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1-Dichloroethane	9.8	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1-Dichloroethene	10	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2-Dichloropropane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,3-Dichloropropane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
2,2-Dichloropropane	ND	4.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1-Dichloropropene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Hexachlorobutadiene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
2-Hexanone	ND	20		µg/L	2	3/21/2023 7:58:00 AM	R95406
Isopropylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
4-Isopropyltoluene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
4-Methyl-2-pentanone	ND	20		µg/L	2	3/21/2023 7:58:00 AM	R95406
Methylene Chloride	ND	6.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
n-Butylbenzene	ND	6.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
n-Propylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
sec-Butylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Styrene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
tert-Butylbenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
trans-1,2-DCE	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1,1-Trichloroethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,1,2-Trichloroethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Trichloroethene (TCE)	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-54-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 12:26:00 PM
Lab ID: 2303641-003 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Trichlorofluoromethane	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
1,2,3-Trichloropropane	ND	4.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Vinyl chloride	ND	2.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Xylenes, Total	ND	3.0		µg/L	2	3/21/2023 7:58:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	2	3/21/2023 7:58:00 AM	R95406
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	2	3/21/2023 7:58:00 AM	R95406
Surr: Dibromofluoromethane	102	70-130		%Rec	2	3/21/2023 7:58:00 AM	R95406
Surr: Toluene-d8	100	70-130		%Rec	2	3/21/2023 7:58:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-22B-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 12:45:00 PM
Lab ID: 2303641-004 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	21	4.1		mg/L	4.1	3/17/2023 9:28:18 PM	R95472
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/10/2023 8:26:18 PM	R95186
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/10/2023 8:26:18 PM	R95186
Sulfate	900	25	*	mg/L	50	3/18/2023 1:48:53 PM	R95377
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	1.1	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Acetone	12	10		µg/L	1	3/21/2023 8:21:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
2-Butanone	ND	10		µg/L	1	3/21/2023 8:21:00 AM	R95406
Carbon disulfide	ND	10		µg/L	1	3/21/2023 8:21:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Chloroethane	ND	2.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Chloromethane	ND	3.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
cis-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-22B-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 12:45:00 PM
Lab ID: 2303641-004 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1-Dichloroethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1-Dichloroethene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
2-Hexanone	ND	10		µg/L	1	3/21/2023 8:21:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 8:21:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 8:21:00 AM	R95406
Xylenes, Total	2.0	1.5		µg/L	1	3/21/2023 8:21:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	3/21/2023 8:21:00 AM	R95406
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/21/2023 8:21:00 AM	R95406
Surr: Dibromofluoromethane	103	70-130		%Rec	1	3/21/2023 8:21:00 AM	R95406
Surr: Toluene-d8	101	70-130		%Rec	1	3/21/2023 8:21:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-21B-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:10:00 PM
Lab ID: 2303641-005 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	37	4.1		mg/L	4.1	3/17/2023 9:57:35 PM	R95472
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/10/2023 8:52:01 PM	R95186
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/10/2023 8:52:01 PM	R95186
Sulfate	640	10	*	mg/L	20	3/10/2023 9:04:53 PM	R95186
EPA METHOD 8082A: PCB'S						Analyst: **JME**	
Aroclor 1016	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Aroclor 1221	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Aroclor 1232	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Aroclor 1242	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Aroclor 1248	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Aroclor 1254	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Aroclor 1260	ND	0.25		µg/L	1	3/21/2023 9:36:40 PM	73745
Surr: Decachlorobiphenyl	83.2	15-175		%Rec	1	3/21/2023 9:36:40 PM	73745
Surr: Tetrachloro-m-xylene	76.4	15-137		%Rec	1	3/21/2023 9:36:40 PM	73745
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	1.3	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Acetone	19	10		µg/L	1	3/21/2023 8:44:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
2-Butanone	ND	10		µg/L	1	3/21/2023 8:44:00 AM	R95406
Carbon disulfide	ND	10		µg/L	1	3/21/2023 8:44:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Chloroethane	4.2	2.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-21B-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:10:00 PM
Lab ID: 2303641-005 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Chloromethane	ND	3.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
cis-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1-Dichloroethane	12	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1-Dichloroethene	4.6	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
2-Hexanone	ND	10		µg/L	1	3/21/2023 8:44:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 8:44:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-21B-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:10:00 PM
Lab ID: 2303641-005 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 8:44:00 AM	R95406
Xylenes, Total	ND	1.5		µg/L	1	3/21/2023 8:44:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	3/21/2023 8:44:00 AM	R95406
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	3/21/2023 8:44:00 AM	R95406
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/21/2023 8:44:00 AM	R95406
Surr: Toluene-d8	99.9	70-130		%Rec	1	3/21/2023 8:44:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-21C-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:00:00 PM
Lab ID: 2303641-006 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	3300	51		mg/L	51	3/17/2023 10:32:59 PM	R95472
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Toluene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Ethylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	40	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2,4-Trimethylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,3,5-Trimethylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Naphthalene	ND	50	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1-Methylnaphthalene	ND	100	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
2-Methylnaphthalene	ND	100	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Acetone	530	250	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Bromobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Bromodichloromethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Bromoform	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Bromomethane	ND	75	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
2-Butanone	1500	250	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Carbon disulfide	ND	250	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Carbon Tetrachloride	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Chlorobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Chloroethane	ND	50	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Chloroform	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Chloromethane	ND	75	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
2-Chlorotoluene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
4-Chlorotoluene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
cis-1,2-DCE	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
cis-1,3-Dichloropropene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	50	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Dibromochloromethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Dibromomethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2-Dichlorobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,3-Dichlorobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,4-Dichlorobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Dichlorodifluoromethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1-Dichloroethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1-Dichloroethene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2-Dichloropropane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-21C-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:00:00 PM
Lab ID: 2303641-006 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,3-Dichloropropane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
2,2-Dichloropropane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1-Dichloropropene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Hexachlorobutadiene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
2-Hexanone	ND	250	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Isopropylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
4-Isopropyltoluene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
4-Methyl-2-pentanone	ND	250	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Methylene Chloride	ND	75	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
n-Butylbenzene	ND	75	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
n-Propylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
sec-Butylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Styrene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
tert-Butylbenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Tetrachloroethene (PCE)	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
trans-1,2-DCE	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
trans-1,3-Dichloropropene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2,3-Trichlorobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2,4-Trichlorobenzene	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1,1-Trichloroethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,1,2-Trichloroethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Trichloroethene (TCE)	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Trichlorofluoromethane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
1,2,3-Trichloropropane	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Vinyl chloride	ND	20	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Xylenes, Total	ND	50	D	µg/L	50	3/21/2023 9:08:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	101	70-130	D	%Rec	50	3/21/2023 9:08:00 AM	R95406
Surr: 4-Bromofluorobenzene	101	70-130	D	%Rec	50	3/21/2023 9:08:00 AM	R95406
Surr: Dibromofluoromethane	99.7	70-130	D	%Rec	50	3/21/2023 9:08:00 AM	R95406
Surr: Toluene-d8	100	70-130	D	%Rec	50	3/21/2023 9:08:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-13-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:50:00 PM
Lab ID: 2303641-007 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM 5310B: TOC						Analyst: **SMS**	
Organic Carbon, Total	15	4.1		mg/L	4.1	3/17/2023 11:53:49 PM	R95472
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/10/2023 9:17:46 PM	R95186
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/10/2023 9:17:46 PM	R95186
Sulfate	220	10		mg/L	20	3/10/2023 9:30:37 PM	R95186
EPA METHOD 8082A: PCB'S						Analyst: **JME**	
Aroclor 1016	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Aroclor 1221	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Aroclor 1232	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Aroclor 1242	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Aroclor 1248	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Aroclor 1254	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Aroclor 1260	ND	0.25		µg/L	1	3/21/2023 10:12:41 PM	73745
Surr: Decachlorobiphenyl	88.0	15-175		%Rec	1	3/21/2023 10:12:41 PM	73745
Surr: Tetrachloro-m-xylene	74.8	15-137		%Rec	1	3/21/2023 10:12:41 PM	73745
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	2.2	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2-Dichloroethane (EDC)	3.7	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Acetone	ND	10		µg/L	1	3/21/2023 9:31:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
2-Butanone	ND	10		µg/L	1	3/21/2023 9:31:00 AM	R95406
Carbon disulfide	ND	10		µg/L	1	3/21/2023 9:31:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Chloroethane	ND	2.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-13-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:50:00 PM
Lab ID: 2303641-007 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Chloromethane	ND	3.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
cis-1,2-DCE	2.3	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1-Dichloroethane	27	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1-Dichloroethene	25	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
2-Hexanone	ND	10		µg/L	1	3/21/2023 9:31:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 9:31:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** 6-13-20230310
Project: Laguna Station 6 **Collection Date:** 3/10/2023 1:50:00 PM
Lab ID: 2303641-007 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 9:31:00 AM	R95406
Xylenes, Total	ND	1.5		µg/L	1	3/21/2023 9:31:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	3/21/2023 9:31:00 AM	R95406
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/21/2023 9:31:00 AM	R95406
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/21/2023 9:31:00 AM	R95406
Surr: Toluene-d8	100	70-130		%Rec	1	3/21/2023 9:31:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** DUP01
Project: Laguna Station 6 **Collection Date:** 3/10/2023
Lab ID: 2303641-008 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	2.3	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2-Dichloroethane (EDC)	4.0	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Acetone	ND	10		µg/L	1	3/21/2023 9:54:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
2-Butanone	ND	10		µg/L	1	3/21/2023 9:54:00 AM	R95406
Carbon disulfide	ND	10		µg/L	1	3/21/2023 9:54:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Chloroethane	ND	2.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Chloromethane	ND	3.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
cis-1,2-DCE	2.5	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,1-Dichloroethane	29	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,1-Dichloroethene	26	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 9:54:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** DUP01
Project: Laguna Station 6 **Collection Date:** 3/10/2023
Lab ID: 2303641-008 **Matrix:** GROUNDWA **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
2-Hexanone	ND	10		µg/L	1	3/21/2023 9:54:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 9:54:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 9:54:00 AM	R95406
Xylenes, Total	ND	1.5		µg/L	1	3/21/2023 9:54:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	3/21/2023 9:54:00 AM	R95406
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	3/21/2023 9:54:00 AM	R95406
Surr: Dibromofluoromethane	103	70-130		%Rec	1	3/21/2023 9:54:00 AM	R95406
Surr: Toluene-d8	99.9	70-130		%Rec	1	3/21/2023 9:54:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: Laguna Station 6 **Collection Date:**
Lab ID: 2303641-009 **Matrix:** TRIP BLANK **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Toluene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Ethylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Naphthalene	ND	2.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
2-Methylnaphthalene	ND	4.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Acetone	ND	10		µg/L	1	3/21/2023 10:17:00 AM	R95406
Bromobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Bromodichloromethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Bromoform	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Bromomethane	ND	3.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
2-Butanone	ND	10		µg/L	1	3/21/2023 10:17:00 AM	R95406
Carbon disulfide	ND	10		µg/L	1	3/21/2023 10:17:00 AM	R95406
Carbon Tetrachloride	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Chlorobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Chloroethane	ND	2.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Chloroform	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Chloromethane	ND	3.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
2-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
4-Chlorotoluene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
cis-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Dibromochloromethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Dibromomethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,1-Dichloroethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,1-Dichloroethene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,3-Dichloropropane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
2,2-Dichloropropane	ND	2.0		µg/L	1	3/21/2023 10:17:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303641**
Date Reported: **12/28/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: Laguna Station 6 **Collection Date:**
Lab ID: 2303641-009 **Matrix:** TRIP BLANK **Received Date:** 3/10/2023 3:49:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Hexachlorobutadiene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
2-Hexanone	ND	10		µg/L	1	3/21/2023 10:17:00 AM	R95406
Isopropylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
4-Isopropyltoluene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
4-Methyl-2-pentanone	ND	10		µg/L	1	3/21/2023 10:17:00 AM	R95406
Methylene Chloride	ND	3.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
n-Butylbenzene	ND	3.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
n-Propylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
sec-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Styrene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
tert-Butylbenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
trans-1,2-DCE	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Trichlorofluoromethane	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Vinyl chloride	ND	1.0		µg/L	1	3/21/2023 10:17:00 AM	R95406
Xylenes, Total	ND	1.5		µg/L	1	3/21/2023 10:17:00 AM	R95406
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	3/21/2023 10:17:00 AM	R95406
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	3/21/2023 10:17:00 AM	R95406
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/21/2023 10:17:00 AM	R95406
Surr: Toluene-d8	99.6	70-130		%Rec	1	3/21/2023 10:17:00 AM	R95406

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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R95186**	RunNo: **95186**
Prep Date:	Analysis Date: **3/10/2023**	SeqNo: **3442527** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R95186**	RunNo: **95186**
Prep Date:	Analysis Date: **3/10/2023**	SeqNo: **3442528** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	98.8	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	101	90	110			
Sulfate	9.6	0.50	10.00	0	96.1	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R95377**	RunNo: **95377**
Prep Date:	Analysis Date: **3/18/2023**	SeqNo: **3450138** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R95377**	RunNo: **95377**
Prep Date:	Analysis Date: **3/18/2023**	SeqNo: **3450139** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.6	0.50	10.00	0	95.7	90	110			

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **MB-73745**	SampType: **MBLK**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **PBW**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452766** 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	2.1		2.500		85.6	15	175			
Surr: Tetrachloro-m-xylene	1.1		2.500		42.8	15	137			

Sample ID: **LCS-73745**	SampType: **LCS**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **LCSW**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452767** 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	77.8	35.6	103			
Aroclor 1260	5.1	0.25	5.000	0	102	69.5	120			
Surr: Decachlorobiphenyl	2.2		2.500		86.8	15	175			
Surr: Tetrachloro-m-xylene	1.0		2.500		40.8	15	137			

Sample ID: **LCSD-73745**	SampType: **LCSD**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **LCSS02**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452768** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	4.5	0.25	5.000	0	90.2	35.6	103	14.8	28.1	
Aroclor 1260	5.3	0.25	5.000	0	106	69.5	120	3.46	20	
Surr: Decachlorobiphenyl	2.3		2.500		91.6	15	175	0	0	
Surr: Tetrachloro-m-xylene	1.6		2.500		65.6	15	137	0	0	

Sample ID: **MB-73745**	SampType: **MBLK**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **PBW**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452884** 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								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **MB-73745**	SampType: **MBLK**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **PBW**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452884** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.25								
Aroclor 1260	ND	0.25								
Surr: Decachlorobiphenyl	2.1		2.500		85.2	15	175			
Surr: Tetrachloro-m-xylene	1.0		2.500		40.8	15	137			

Sample ID: **LCS-73745**	SampType: **LCS**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **LCSW**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452885** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.7	0.25	5.000	0	73.8	35.6	103			
Aroclor 1260	5.0	0.25	5.000	0	99.2	69.5	120			
Surr: Decachlorobiphenyl	2.1		2.500		85.6	15	175			
Surr: Tetrachloro-m-xylene	0.97		2.500		38.8	15	137			

Sample ID: **LCSD-73745**	SampType: **LCSD**	TestCode: **EPA Method 8082A: PCB's**
Client ID: **LCSS02**	Batch ID: **73745**	RunNo: **95417**
Prep Date: **3/16/2023**	Analysis Date: **3/21/2023**	SeqNo: **3452886** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	4.3	0.25	5.000	0	85.4	35.6	103	14.6	28.1	
Aroclor 1260	5.2	0.25	5.000	0	104	69.5	120	4.34	20	
Surr: Decachlorobiphenyl	2.3		2.500		90.4	15	175	0	0	
Surr: Tetrachloro-m-xylene	1.5		2.500		60.4	15	137	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/20/2023**	SeqNo: **3451505** 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	101	70	130			
Chlorobenzene	21	1.0	20.00	0	103	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	93.7	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	96.0	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		101	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/20/2023**	SeqNo: **3451506** 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.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/20/2023**	SeqNo: **3451506** 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	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/20/2023**	SeqNo: **3451506** 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	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3451535** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	108	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	21	1.0	20.00	0	103	70	130			
1,1-Dichloroethene	20	1.0	20.00	0	99.9	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3451536** 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.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3451536** 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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95406**	RunNo: **95406**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3451536** 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	11		10.00		108	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R95450**	RunNo: **95450**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3452658** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		102	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		104	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95450**	RunNo: **95450**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3452673** 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	12		10.00		117	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		109	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	11		10.00		105	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303641**

28-Dec-23

Client: GHD

Project: Laguna Station 6

Sample ID: **MB1**	SampType: **MBLK**	TestCode: **SM 5310B: TOC**							
Client ID: **PBW**	Batch ID: **R95472**	RunNo: **95472**							
Prep Date:	Analysis Date: **3/17/2023**	SeqNo: **3453603**	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: **LCS1**	SampType: **LCS**	TestCode: **SM 5310B: TOC**							
Client ID: **LCSW**	Batch ID: **R95472**	RunNo: **95472**							
Prep Date:	Analysis Date: **3/17/2023**	SeqNo: **3453604**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Organic Carbon, Total	5.2	1.0	4.850	0	106	90	110			

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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: 2303641 RcptNo: 1

Received By: Victoria Zellar 3/10/2023 3:49:00 PM Victoria Zellar

Completed By: Sean Livingston 3/10/2023 4:07:57 PM Sean Livingston

Reviewed By: JM 3/13/23

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☑ NA ☐
   Samples were collected the same day and chilled.
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: 6 (<2 or >12 unless noted)
Adjusted? NO
Checked by: JM 3/10/23
Only 125ml containers

Labeled by: KPG 3/13/23

Special Handling (if applicable)

15. 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:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	9.8	Good	Not Present	Morty		

Page 1 of 1

Released to Imaging: 6/5/2024 4:51:36 PM
Received by OCD: 5/2/2024 6:19:13 AM

Chain-of-Custody Record

Client: GHD

Mailing Address: 6121 Indian School Rd ABQ, NM, 87110

Phone #: 505-974-0902

email or Fax#: Simon.Kozik@ghd.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☑ EDD (Type) Excel to SSOW

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Laguna Station 6

Project #: 12603647

Project Manager: Blair Owens

Sampler: SK

On Ice: ☑ Yes ☐ No

# of Coolers: 1 (IF)

Cooler Temp(including CF): 9.9 - 0.1 = 9.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2303641	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO2, PO4, SO4	8260 (VOA) Full list	8270 (Semi-VOA)	Total Coliform (Present/Absent)	TOC	PCBs				
3/10	1145	GW	6-14-20230310	3 VOA 1 Amber	HCl/H2SO4	001							X	X			X	X				
3/10	1110	GW	6-40-20230310		HCl H2SO4	002							X	X			X	X				
3/10	1220	GW	6-54-20230310		HCl H2SO4	003							X	X			X	X				
3/10	1245	GW	6-22B-20230310		HCl H2SO4	004							X	X			X	X				
3/10	1310	GW	6-21B-20230310		HCl H2SO4	005							X	X			X	X				
3/10	1300	GW	6-21C-20230310		HCl H2SO4	006							X	X			X	X				
3/10	1350	GW	6-13-20230310		HCl H2SO4	007							X	X			X	X				
3/10	—	GW	DUP01	3 VOA	HCl	008								X								
						009																

Date: 3/10/23 Time: 1549 Relinquished by: Simon Kozik
Received by: Via: GSO Date Time: 3/10/23 1549

Date: Time: Relinquished by:
Received by: Via: Date Time:

Remarks: -PCBs for MW-22B does not exist
-only TOC and VOA were sampled for ZLC due to volume issues

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.

mg 12/28/23 - Corrected Sample ID's and COC Per Hunter Johnson.

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 339855

CONDITIONS

Operator: Transwestern Pipeline Company, LLC 8501 Jefferson NE Albuquerque, NM 87113	OGRID: 329750
	Action Number: 339855
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Accepted for the record. Incident is located on tribal land.	6/5/2024