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REVIEWED
By Mike Buchanan at 10:34 am, Jun 04, 2024

Your ref: New Mexico Oil Conservation Division AP-105
Our ref: 12603946-Velez-1

April 10, 2023

Review of the 2022 Annual Groundwater Monitoring Report: Content Satisfactory
1. Conduct site-wide annual groundwater monitoring in April 2023 (as planned)
2. Conduct impact only wells event in October 2023, sampling only wells with COCs in exceedence of their respective WQCC standard as determined by the Aprill 2023 event
3. Evaluate 2022 groundwater quality results and incorporate results and recommendations into next 2023 or 2024 Annual Report.
4. As per 19.15.30, eight (8) **consecutive** quarterly samples, unless approved for a lesser number of samples, for all wells, must demonstrate analysis results below the human health standards in the NM WQCC Title 20 before the site can be considered for closure.
5. Submit the 2023 Annual Report (unless already submitted), and the 2024 Annual Groundwater Monitoring Report by April 1, 2025.

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

2022 Annual Groundwater Monitoring Report
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico
New Mexico Oil Conservation Division Abatement Plan-105
Incident Number nAPP2217174866

Dear Mr. Velez,

On behalf of Transwestern Pipeline Company, LLC (Transwestern), GHD Services Inc. (GHD) is submitting the 2022 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 2022 in accordance with the NMOCD's recommendations in response to the 2021 Annual Groundwater Monitoring Report.

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

Regards

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BO/mss/1

Encl. 2022 Annual Groundwater Monitoring Report

2022 Annual Groundwater Monitoring Report

WT-1 Compressor Station
Lea County, New Mexico
NMOCD AP-105
Incident Number nAPP2217174866

Transwestern Pipeline Company

April 10, 2023

→ The Power of Commitment

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1. Introduction

This report presents the results of groundwater monitoring activities performed during 2022 by GHD Services Inc. (GHD) at the Transwestern Pipeline Company, LLC (Transwestern) WT-1 Compressor Station (Site). The Site is located 29 miles east of Carlsbad, New Mexico in the southwestern quarter of Section 31, Township 20 South, Range 32 East in Lea County (Figure 1) and is regulated by the New Mexico Oil Conservation Division (NMOCD) under Abatement Plan (AP)-105 and is associated with NMOCD incident number nAPP2217174866.

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 1992 for two historically impacted areas: the former Engine Room Drain Pit (ERDP) located in the north central portion of the Site and the dehydration area (DEHY) located in the southwest portion of the Site. A total of 43 injection, recovery, and/or groundwater monitoring wells have been installed at the Site between 1992 and 2000, 15 of which have since been plugged. A Site Plan showing the well locations and Site features is included as Figure 2.

The primary constituents of concern (COCs) in the ERDP area consist of benzene, toluene, ethylbenzene, and xylene (BTEX), and three chlorinated solvents: trichloroethylene (TCE), 1,1-dichloroethane (DCA), and 1,1-dichloroethene (DCE). The primary COCs in the DEHY area consist of BTEX. Light non-aqueous phase liquid (LNAPL) is also present in wells in both the ERDP and DEHY areas.

A soil vapor extraction (SVE) system was installed in the DEHY area in 1996 and operated until 2013. The system was taken out of service due to significant reductions in volatile organic compound (VOC) mass.

In 2003, approximately 1,826 cubic yards of impacted soil was excavated from two locations in the ERDP area. The excavations extended up to 15 feet below ground surface (ft bgs). A 30-millimeter polyethylene liner was placed in the bottom of each excavation prior to backfilling.

During May 2016, GHD supervised well abandonment activities for recovery wells RW-1 through RW-12 and monitoring well MW-2 in the ERDP area. The recovery wells were initially constructed as borehole wells and did not contain a well screen and casing with a proper seal while MW-2 had been dry since November 2011.

In April and October 2017, GHD performed magnesium sulfate injection events as part of an In-situ Enhanced Bioremediation (ISEB) treatment pilot study. Hydrocarbons under anaerobic conditions can often be attenuated by an increase in sulfate reduction. ISEB treatment was performed in the DEHY area that contains wells MW-10, SVE-10, SVE-12, and SVE-13. Approximately 1,250 gallons of water and magnesium sulfate solution was injected into wells SVE-5, SVE-8, and MW-10 in April 2017 and wells SVE-10, SVE-12, and SVE-13 in October 2017.

Monitoring on a periodic and annual basis was performed in 2018 and 2019 to assess post ISEB injection conditions at the Site and to determine if the introduction of sulfate was successful at stimulating biodegradation of hydrocarbons. In general, the analytical data indicated concentrations of benzene, xylene, and total naphthalenes had been decreasing while there was available sulfate from the injections. Once the sulfate was mostly depleted, the concentrations of benzene and xylenes increased. Therefore, it is believed that the sulfate is helpful in assisting degradation of hydrocarbons when adequate concentrations are present.

In October 2020, GHD performed an additional ISEB treatment in the DEHY area by injecting approximately 1,100 gallons of water and magnesium sulfate solution into wells SVE-5, SVE-10 and SVE 12. A total of 2,350 pounds of 10% magnesium sulfide solution was injected into the targeted wells to enhance anaerobic biodegradation of benzene.

Due to the magnesium sulfate injections at the Site, sulfate analysis of the groundwater samples resumed consistently in 2018. Prior to 2018, sulfate had only been analyzed in 2014 and 2016.

Post ISEB groundwater data was analyzed in 2021, and trends observed in association with ISEB injections did not indicate that the process was beneficial at speeding the degradation of constituents of concern and therefore ISEB was discontinued.

Semi-annual groundwater monitoring events were completed in 2022 and are discussed in this report.

1.2 Site Characterization

According to the New Mexico Bureau of Mines and Mineral Resources (1982), the Site is situated in an area of recent Quaternary alluvial and piedmont deposits. Soils typically found in this area consist of silty and poorly graded sand and gravels with intermittent secondary cementation (caliche).

Groundwater at the Site is encountered at approximately 50 ft bgs and is unconfined. The groundwater gradient is generally to the north. Several current and historical playas are located in the vicinity of the Site and may be influencing groundwater elevations by creating perched aquifers.

2. Groundwater Monitoring

Annual groundwater monitoring activities were performed at the Site on March 18 and October 10, 2022 by GHD. The sampling program included gauging and collecting groundwater samples from the following wells:

March 18, 2022

– ERDP area: MW-4 through MW-8, MW-13, MW-14, MW-17, and SVE-1A.
– DEHY area: SVE-1, SVE-5, SVE-7, SVE-8, SVE-9, SVE-12, SVE-13, and SVE-14.

October 10, 2022

– ERDP area: MW-5 through MW-8, and SVE-1A.
– DEHY area: SVE-1, SVE-5. SVE-7, SVE-8, SVE-9, SVE-12, SVE-13, and SVE-14.

2.1 Monitoring Well Gauging

On March 18 and October 10, 2022, GHD personnel measured the depth to groundwater and LNAPL thickness, if present, in the wells indicated above using an electronic oil/water interface probe (IP). In March 2022, LNAPL was measured in monitoring wells MW-1, MW-10, and SVE-11 at thicknesses of approximately 3.69, 0.02, and 0.95 ft, respectively. In October 2022, LNAPL was measured in monitoring wells MW-1, MW-10, and SVE-11 at thicknesses of approximately 4.02, 0.03, and 0.79 ft, respectively. The IP was cleaned with laboratory-grade soap and purified water prior to gauging each monitoring well. Depth to groundwater, LNAPL measurements, and calculated groundwater elevations are summarized in Table 1.

Based on the data collected in 2022, groundwater flow is generally north-northeast and is consistent with historical data for the Site. Groundwater potentiometric surface maps for the March and October 2022 monitoring events are presented as Figures 3 and 4. The groundwater gradient during both events was calculated at approximately 0.006 ft per foot (ft/ft) in the DEHY area, increasing to 0.021 ft/ft in ERDP area.

2.2 Groundwater Sampling

Following gauging on March 18 and October 10, 2022, GHD personnel utilized dedicated polyethylene bailers to purge a minimum of three well volumes of groundwater or until the well was dry. The wells were given time to recover prior to collecting a groundwater sample. Purge water generated during sampling events was poured into the concrete containment area near well SVE-5. Groundwater quality parameters of temperature, pH, oxidation reduction potential,

and conductivity were collected with a multi-parameter groundwater quality meter and recorded on groundwater sampling forms.

Groundwater samples were collected, placed in laboratory-prepared sample containers, packed in a cooler with ice, and shipped under chain-of-custody documentation to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico. All samples were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) method SW 846 8260B and sulfate by EPA method 300.0.

2.3 Quality Assurance/Quality Control

During each groundwater monitoring event, a field duplicate was collected as a quality assurance/quality control (QA/QC) sample and subsequently submitted for laboratory analysis. A trip blank was also submitted 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). Groundwater quality standards have been set for the protection of human health, domestic water supply, and irrigation use.

The groundwater analytical results for 2022 are summarized in Table 2 and the corresponding laboratory analytical reports are included in Appendix A. A cumulative summary of analytical results for the Site is presented in Tables 3 and 4. Concentrations of the primary COCs for the two monitoring events are presented on Figure 5. A brief summary of detected concentrations that exceeded their respective NMWQCC standard is discussed below.

VOCs

In March 2022, benzene, tetrachloroethene (PCE), TCE, cis-1,2-DCE, 1,1-DCA, 1,1-DCE, and/or total naphthalenes were detected in samples collected from nine of the seventeen monitoring wells at concentrations that exceeded their respective NMWQCC standard.

In October 2022, benzene, PCE, TCE, cis-1,2-DCE, 1,1-DCA, and/or 1,1-DCE were detected in samples collected from seven of the thirteen monitoring wells at concentrations that exceeded their respective NMWQCC standard.

Sulfate

In March 2022, sulfate was detected in samples collected from nine of the seventeen monitoring wells at concentrations that exceed the NMWQCC standard.

In October 2022, sulfate was detected in samples collected from six of the thirteen monitoring wells at concentrations that exceed the NMWQCC standard.

3. Summary and Recommendations

3.1 Summary

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

– Concentrations of benzene, PCE, TCE, cis-1,2-DCE, 1,1-DCA, 1,1-DCE, and total naphthalenes are present in the groundwater at the Site that exceed NMWQCC standards.
– Concentrations of BTEX, PCE, TCE, cis-1,2-DCE, 1,1-DCA, and 1,1-DCE have generally increased from 2021 sampling results, indicating the impacts of the ISEB injections are wearing off.

- Concentrations of sulfate are present in the groundwater at the Site that exceed the NMWQCC standard, which correlates with the magnesium sulfate injection points from 2020. However, the concentrations are either decreasing or remaining generally the same as in 2021.
- LNAPL is present in monitoring wells MW-1, MW-10, and SVE-11.

3.2 Recommendations

Based on the results of the 2022 groundwater monitoring events, GHD recommends the following.

- Conduct a Site-wide annual groundwater monitoring in April 2023.
- Conduct an impacted wells only event in October 2023; sampling only wells with COCs in exceedance of their respective NMWQCC standard as determined by the April 2023 event.
- Evaluate 2022 groundwater quality results to determine need for supplemental ISEB injections.

Tables

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-1	4/11/2005	3547.65 (c)	--	50.55	--	3598.20
	12/1/2005		--	50.50	--	3598.15
	5/10/2006		--	50.46	--	3598.11
	12/13/2006		--	50.35	--	3598.00
	6/20/2007		--	50.20	--	3597.85
	12/6/2007		--	49.77	--	3597.42
	6/2/2008		49.90	49.91	99.81	3677.41
	12/10/2008		50.18	51.08	101.26	3679.74
	4/27/2009		50.08	51.02	101.10	3679.55
	6/11/2010		50.19	53.14	103.33	3683.45
	11/9/2011		50.50	54.75	105.25	3686.60
	6/26/2012		50.41	54.74	105.15	3686.51
	7/28/2012		50.91	52.71	103.62	3683.26
	8/31/2012		50.92	52.33	103.25	3682.58
	10/11/2012		51.00	52.50	103.50	3682.95
	6/20/2013		51.10	54.70	105.80	3686.99
	6/24/2014		51.70	55.50	107.20	3688.91
	4/17/2015		51.73	53.66	105.39	3685.62
	10/21/2015		51.46	54.52	105.98	3686.95
	11/24/2015		52.07	54.57	106.64	3687.53
	12/16/2015		52.21	52.22	104.43	3683.41
	1/27/2016		51.98	52.41	104.39	3683.57
	2/25/2016		51.88	53.07	104.95	3684.68
	3/29/2016		51.83	52.98	104.81	3684.48
	4/12/2016		--	--	--	--
	5/25/2016		52.08	52.21	104.29	3683.29
	6/30/2016		--	52.00	--	3599.65
	7/27/2016		--	51.80	--	3599.45
	9/23/2016		--	51.83	--	3599.48
	4/25/2017		50.61	51.14	101.75	3680.19
	5/2/2017		51.14	52.09	103.23	3682.32
	4/23/2018	3548.58 (f)	51.06	53.62	104.68	3685.94
	3/19/2019		50.53	53.32	103.85	3684.98
	3/23/2020		50.29	53.35	103.64	3684.84
	6/2/2020		50.55	54.59	105.14	3687.28
	9/21/2020		50.65	54.10	104.75	3686.48
	3/10/2021		50.35	53.91	104.26	3685.90
	9/14/2021		50.73	54.53	105.26	3687.32
	10/4/2021		49.93	54.82	104.75	3687.20
	3/18/2022		50.79	54.48	105.27	3687.28
	10/10/2022		51.18	55.20	106.38	3688.88
MW-2	4/11/2005	3546.28 (c)	--	Dry (TD=52.32)	--	--
	12/1/2005		--	Dry (TD=52.32)	--	--
	5/10/2006		52.32	LNAPL to (TD=52.32)	sheen	--
	12/13/2006		51.81	LNAPL to (TD=52.32)	104.13	--
	6/20/2007		51.53	LNAPL to (TD=52.32)	103.85	--
	12/6/2007		51.46	LNAPL to (TD=52.32)	103.78	--
	6/2/2008		51.20	LNAPL to (TD=52.30)	103.52	--
	12/10/2008		51.38	LNAPL to (TD=52.35)	103.70	--
	4/27/2009		51.32	LNAPL to (TD=52.35)	103.64	--
	6/11/2010		51.92	LNAPL to (TD=52.35)	104.24	--
	11/9/2011		--	Dry (TD=52.25)	--	--
	6/26/2012		--	Dry (TD=52.30)	--	--
	6/20/2013		--	Dry (TD=52.30)	--	--
	6/24/2014		--	Dry (TD=52.30)	--	--
	4/17/2015		--	Dry	--	--
	10/21/2015		--	Dry	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	Dry	--	--
	1/27/2016		--	Dry	--	--
	2/25/2016		--	Dry	--	--
	3/29/2016		--	Dry	--	--
	4/12/2016		--	--	--	--
	5/25/2016		--	Dry	--	--
	6/30/2016		Well plugged and abandoned			
MW-4	11/9/2004	3548.29 (c)	--	47.00	--	3595.29
	4/11/2005		--	46.72	--	3595.01
	12/1/2005		--	46.48	--	3594.77
	5/10/2006		--	47.09	--	3595.38

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-4	12/13/2006	3548.29 ©	--	46.41	--	3594.70
	6/20/2007		--	46.95	--	3595.24
	12/6/2007		--	46.62	--	3594.91
	6/2/2008		--	46.92	--	3595.21
	12/10/2008		--	46.85	--	3595.14
	4/27/2009		--	47.18	--	3595.47
	6/11/2010		--	47.26	--	3595.55
	11/9/2011		--	47.16	--	3595.45
	6/26/2012		--	47.42	--	3595.71
	6/20/2013		--	47.68	--	3595.97
	4/18/2014		--	49.65	--	3597.94
	4/17/2015		--	47.56	--	3595.85
	10/21/2015		--	47.57	--	3595.86
	11/24/2015		--	47.53	--	3595.82
	12/16/2015		--	47.51	--	3595.80
	1/27/2016		--	47.48	--	3595.77
	2/25/2016		--	47.49	--	3595.78
	3/29/2016		--	47.45	--	3595.74
	4/12/2016		--	47.56	--	3595.85
	5/25/2016		--	47.55	--	3595.84
	6/30/2016		--	47.55	--	3595.84
	7/27/2016		--	47.48	--	3595.77
	9/23/2016		--	47.54	--	3595.83
	4/25/2017		--	47.44	--	3595.73
	4/23/2018	3549.22 (f)	--	47.58	--	3596.80
	3/19/2019		--	47.41	--	3596.63
	3/23/2020		--	47.38	--	3596.60
	3/10/2021		--	47.50	--	3596.72
	10/4/2021		--	47.47	--	3596.69
	3/18/2022		--	47.22	--	3596.44
	10/10/2022		--	47.47	--	3596.69
MW-5	4/11/2005	3543.60 (c)	--	51.03	--	3594.63
	12/1/2005		--	50.81	--	3594.41
	5/10/2006		--	50.71	--	3594.31
	12/13/2006		--	50.55	--	3594.15
	6/20/2007		--	50.38	--	3593.98
	12/6/2007		--	49.98	--	3593.58
	6/2/2008		--	50.05	--	3593.65
	12/10/2008		--	50.48	--	3594.08
	4/27/2009		--	50.39	--	3593.99
	6/11/2010		--	50.60	--	3594.20
	11/9/2011		--	51.22	--	3594.82
	6/26/2012		--	51.13	--	3594.73
	6/20/2013		--	51.80	--	3595.40
	6/24/2014		--	53.60	--	3597.20
	4/17/2015		--	53.28	--	3596.88
	10/21/2015		--	53.44	--	3597.04
	11/24/2015		--	--	--	--
	12/16/2015		--	51.99	--	3595.59
	1/27/2016		--	52.20	--	3595.80
	2/25/2016		--	52.22	--	3595.82
	3/29/2016		--	51.70	--	3595.30
	4/12/2016		--	52.15	--	3595.75
	5/25/2016		--	51.98	--	3595.58
	6/30/2016		--	51.98	--	3595.58
	7/27/2016		--	51.88	--	3595.48
	9/23/2016		--	51.86	--	3595.46
	4/25/2017		--	51.27	--	3594.87
	4/23/2018	3544.57 (f)	--	51.59	--	3596.16
	3/19/2019		--	51.09	--	3595.66
	6/28/2019		--	50.98	--	3595.55
	9/17/2019		--	50.80	--	3595.37
	12/5/2019		--	51.17	--	3595.74
	3/23/2020		--	50.70	--	3595.27
	6/2/2020		--	50.89	--	3595.46
	9/21/2020		--	51.07	--	3595.64
	12/14/2020		--	50.98	--	3595.55
	3/10/2021		--	50.89	--	3595.46
	10/4/2021		--	51.36	--	3595.93
	3/18/2022		--	51.56	--	3596.13
	10/10/2022		--	51.74	--	3596.31

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-6	4/11/2005	3543.33 (c)	--	51.53	--	3594.86
	12/1/2005		--	51.52	--	3594.85
	5/10/2006		--	51.42	--	3594.75
	12/13/2006		--	51.16	--	3594.49
	6/20/2007		--	51.05	--	3594.38
	12/6/2007		--	49.60	--	3592.93
	6/2/2008		--	50.72	--	3594.05
	12/10/2008		--	51.15	--	3594.48
	4/27/2009		--	51.19	--	3594.52
	6/11/2010		--	51.27	--	3594.60
	11/9/2011		--	51.93	--	3595.26
	6/26/2012		--	52.03	--	3595.36
	6/20/2013		--	52.89	--	3596.22
	6/24/2014		--	54.60	--	3597.93
	4/17/2015		--	53.72	--	3597.05
	10/21/2015		--	54.15	--	3597.48
	11/24/2015		--	--	--	--
	12/16/2015		--	52.98	--	3596.31
	1/27/2016		--	53.11	--	3596.44
	2/25/2016		--	53.12	--	3596.45
	3/29/2016		--	52.60	--	3595.93
	4/12/2016		--	53.06	--	3596.39
	5/25/2016		--	52.92	--	3596.25
	6/30/2016		--	52.95	--	3596.28
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	51.98	--	3595.31
	4/23/2018	3544.30 (f)	--	52.20	--	3596.50
	3/19/2019		--	51.40	--	3595.70
	3/23/2020		--	51.18	--	3595.48
	3/10/2021		--	52.73	--	3597.03
	10/4/2021		--	52.12	--	3596.42
	3/18/2022		--	52.52	--	3596.82
	10/10/2022		--	52.62		3596.92
MW-7	4/11/2005	3542.00 (c)	--	49.93	--	3591.93
	12/1/2005		--	50.02	--	3592.02
	5/10/2006		--	49.97	--	3591.97
	12/13/2006		--	49.40	--	3591.40
	6/20/2007		--	49.31	--	3591.31
	12/6/2007		--	48.89	--	3590.89
	6/2/2008		--	49.00	--	3591.00
	12/10/2008		--	49.45	--	3591.45
	4/27/2009		--	49.45	--	3591.45
	6/11/2010		--	49.84	--	3591.84
	11/9/2011		--	50.44	--	3592.44
	6/26/2012		--	50.32	--	3592.32
	6/20/2013		--	51.03	--	3593.03
	6/24/2014		--	51.72	--	3593.72
	4/17/2015		--	51.19	--	3593.19
	10/21/2015		--	50.80	--	3592.80
	11/24/2015		--	--	--	--
	12/16/2015		--	50.51	--	3592.51
	1/27/2016		--	50.73	--	3592.73
	2/25/2016		--	50.85	--	3592.85
	3/29/2016		--	50.44	--	3592.44
	4/12/2016		--	50.87	--	3592.87
	5/25/2016		--	50.81	--	3592.81
	6/30/2016		--	50.93	--	3592.93
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	50.01	--	3592.01
	4/23/2018	3542.94 (f)	--	50.66	--	3593.60
	3/19/2019		--	49.99	--	3592.93
	3/23/2020		--	49.70	--	3592.64
	3/10/2021		--	49.86	--	3592.80
	10/4/2021		--	50.16	--	3593.10
	3/18/2022		--	50.40	--	3593.34
	10/10/2022		--	50.60	--	3593.54

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-8	4/11/2005	3541.49 (c)	--	51.47	--	3592.96
	12/1/2005		--	51.47	--	3592.96
	5/10/2006		--	51.35	--	3592.84
	12/13/2006		--	50.91	--	3592.40
	6/20/2007		--	50.76	--	3592.25
	12/6/2007		--	50.29	--	3591.78
	6/2/2008		--	50.45	--	3591.94
	12/10/2008		--	50.96	--	3592.45
	4/27/2009		--	50.93	--	3592.42
	6/11/2010		--	51.15	--	3592.64
	11/9/2011		--	51.85	--	3593.34
	6/26/2012		--	51.71	--	3593.20
	6/20/2013		--	52.43	--	3593.92
	6/24/2014		--	54.20	--	3595.69
	4/17/2015		--	53.86	--	3595.35
	10/21/2015		--	53.78	--	3595.27
	11/24/2015		--	--	--	--
	12/16/2015		--	52.46	--	3593.95
	1/27/2016		--	52.57	--	3594.06
	2/25/2016		--	52.60	--	3594.09
	3/29/2016		--	52.05	--	3593.54
	4/12/2016		--	52.53	--	3594.02
	5/25/2016		--	52.43	--	3593.92
	6/30/2016		--	52.45	--	3593.94
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	51.54	--	3593.03
	4/23/2018	3542.44 (f)	--	51.93	--	3594.37
	7/2/2018		--	51.85	--	3594.29
	11/13/2018		--	52.01	--	3594.45
	3/19/2019		--	51.13	--	3593.57
	12/5/2019		--	51.08	--	3593.52
	3/23/2020		--	50.97	--	3593.41
	6/2/2020		--	51.12	--	3593.56
	9/21/2020		--	51.32	--	3593.76
	12/14/2020		--	51.33	--	3593.77
	3/10/2021		--	51.31	--	3593.75
	10/4/2021		--	51.66	--	3594.10
	3/18/2022		--	52.00	--	3594.44
	10/10/2022		--	52.04	--	3594.48
MW-9	4/11/2005	3557.31	--	53.80	--	3611.11
	12/1/2005		--	53.03	--	3610.34
	5/10/2006		--	52.64	--	3609.95
	12/14/2006		--	52.08	--	3609.39
	6/20/2007		--	51.84	--	3609.15
	12/7/2007		--	51.57	--	3608.88
	5/30/2008		--	51.79	--	3609.10
	12/10/2008		--	52.32	--	3609.63
	5/1/2009		--	52.36	--	3609.67
	6/11/2010		--	52.92	--	3610.23
	11/10/2011		--	52.82	--	3610.13
	6/26/2012		--	53.14	--	3610.45
	6/20/2013		--	53.78	--	3611.09
	6/24/2014		--	54.37	--	3611.68
	4/17/2015		--	54.19	--	3611.50
	10/21/2015		--	54.15	--	3611.46
	11/24/2015		--	53.95	--	3611.26
	12/16/2015		--	53.90	--	3611.21
	1/27/2016		--	53.75	--	3611.06
	2/25/2016		--	53.76	--	3611.07
	3/29/2016		--	53.33	--	3610.64
	4/12/2016		--	--	--	--
	5/25/2016		--	53.39	--	3610.70
	7/1/2016		--	53.22	--	3610.53
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/24/2017		--	52.02	--	3609.33
	4/23/2018	3558.26 (f)	--	52.11	--	3610.37
	3/19/2019		--	51.77	--	3610.03
	3/23/2020		--	51.92	--	3610.18
	3/10/2021		--	52.55	--	3610.81
	10/4/2021		--	52.74	--	3611.00

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-9	3/18/2022	3558.26 (f)	--	52.43	--	3610.69
	10/10/2022		--	52.25	--	3610.51
MW-10	4/11/2005	3554.31 (c)	51.66	52.22	103.88	3689.63
	12/1/2005		50.97	51.58	102.55	3687.93
	5/10/2006		50.33	51.04	101.37	3686.45
	12/14/2006		49.87	50.77	100.64	3685.59
	6/20/2007		49.47	50.54	100.01	3684.86
	12/7/2007		49.19	50.36	99.55	3684.31
	5/30/2008		49.31	50.52	99.83	3684.69
	12/10/2008		49.74	50.89	100.63	3685.70
	5/1/2009		50.07	50.09	100.16	3684.53
	8/22/2009		50.21	50.22	100.43	3684.87
	10/5/2009		49.91	49.91	sheen	3604.22
	6/11/2010		50.59	50.65	101.24	3685.95
	11/10/2011		50.50	50.53	101.03	3685.66
	6/26/2012		50.78	50.83	101.61	3686.43
	6/20/2013		51.35	51.35	sheen	3605.66
	6/24/2014		51.91	52.00	103.91	3689.44
	4/17/2015		--	51.89	--	3606.20
	10/21/2015		--	51.99	--	3606.30
	11/24/2015		--	51.80	--	3606.11
	12/16/2015		51.79	51.84	103.63	3689.05
	1/27/2016		--	51.93	--	3606.24
	2/25/2016		--	51.78	--	3606.09
	3/29/2016		--	51.31	--	3605.62
	4/12/2016		--	--	--	--
	5/25/2016		--	51.26	--	3605.57
	7/1/2016		--	51.19	--	3605.50
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/24/2015		--	50.06	--	3604.37
	10/9/2017		--	50.07	--	3604.38
	2/1/2018	3555.34 (f)	--	50.08	--	3605.42
	4/23/2018		--	50.04	--	3605.4
	11/13/2018		--	50.25	--	3605.59
	3/19/2019		--	49.85	--	3605.19
	6/28/2019		--	49.85	--	3605.19
	9/17/2019		--	49.86	--	3605.20
	12/5/2019		--	49.86	--	3605.20
	3/23/2020		--	50.02	--	3605.36
	6/2/2020		--	50.16	--	3605.50
	9/21/2020		--	49.48	--	3604.82
	3/10/2021		50.45	50.57	101.02	3686.73
	9/14/2021		50.54	50.65	101.19	3686.94
	10/4/2021		50.61	51.22	101.83	3688.02
	3/18/2022		50.40	50.42	100.82	3686.42
	10/10/2022		50.33	50.36	100.69	3686.25
MW-11	4/11/2005	3547.84 (b)	--	51.18	--	3599.02
	12/1/2005		--	51.10	--	3598.94
	5/10/2006		--	50.75	--	3598.59
	12/14/2006		--	50.31	--	3598.15
	6/20/2007		--	50.03	--	3597.87
	12/7/2007		--	49.32	--	3597.16
	5/30/2008		--	49.15	--	3596.99
	12/10/2008		--	49.01	--	3596.85
	5/1/2009		--	48.64	--	3596.48
	6/11/2010		--	48.23	--	3596.07
	11/10/2011		--	48.48	--	3596.32
	6/26/2012		--	48.07	--	3595.91
	6/20/2013		--	48.06	--	3595.90
	6/24/2014		--	48.25	--	3596.09
	4/17/2015		--	48.15	--	3595.99
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	48.18	--	3596.02
	1/27/2016		--	48.40	--	3596.24
	2/25/2016		--	48.44	--	3596.28
	3/29/2016		--	48.01	--	3595.85
	4/12/2016		--	--	--	--
	5/25/2016		--	48.17	--	3596.01
	7/1/2016		--	48.14	--	3595.98
	7/27/2016		--	--	--	--

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-11	9/23/2016	3547.84 (b)	--	--	--	--
	4/24/2017		--	47.52	--	3595.36
	4/23/2018	3548.87 (f)	--	47.31	--	3596.18
	3/19/2019		--	47.12	--	3595.99
	3/23/2020		--	47.39	--	3596.26
	3/10/2021		--	46.38	--	3595.25
	10/4/2021		--	46.58	--	3595.45
	3/18/2022		--	47.60	--	3596.47
	10/10/2022		--	46.25	--	3595.12
MW-12	4/11/2005	3551.19 (b)	--	49.37	--	3600.56
	12/1/2005		--	49.05	--	3600.24
	5/10/2006		--	48.51	--	3599.70
	12/14/2006		--	48.11	--	3599.30
	6/20/2007		--	47.85	--	3599.04
	12/7/2007		--	47.42	--	3598.61
	5/30/2008		--	47.55	--	3598.74
	12/10/2008		--	47.78	--	3598.97
	5/1/2009		--	47.65	--	3598.84
	6/11/2010		--	48.15	--	3599.34
	11/10/2011		--	48.49	--	3599.68
	6/26/2012		--	48.47	--	3599.66
	6/20/2013		--	48.94	--	3600.13
	6/24/2014		--	49.40	--	3600.59
	4/17/2015		--	49.26	--	3600.45
	10/21/2015		--	--	--	--
	11/24/2015		--	49.33	--	3600.52
	12/16/2015		--	49.42	--	3600.61
	1/27/2016		--	49.58	--	3600.77
	2/25/2016		--	49.61	--	3600.80
	3/29/2016		--	49.02	--	3600.21
	4/12/2016		--	--	--	--
	5/25/2016		--	49.18	--	3600.37
	6/30/2016		--	49.12	--	3600.31
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/24/2017		--	48.02	--	3599.21
	4/23/2018	3552.18 (f)	--	48.12	--	3600.30
	3/19/2019		--	48.07	--	3600.25
	3/23/2020		--	48.05	--	3600.23
	3/10/2021		--	48.85	--	3601.03
	10/4/2021		--	49.21	--	3601.39
	3/18/2022		--	48.97	--	3601.15
	10/10/2022		--	48.67	--	3600.85
MW-13	4/11/2005	3547.78 (b)	--	48.13	--	3595.91
	12/1/2005		--	47.75	--	3595.53
	5/10/2006		--	46.88	--	3594.66
	12/14/2006		--	46.02	--	3593.80
	6/20/2007		--	45.43	--	3593.21
	12/7/2007		--	45.07	--	3592.85
	5/30/2008		--	45.02	--	3592.80
	12/10/2008		--	45.18	--	3592.96
	5/1/2009		--	45.20	--	3592.98
	6/11/2010		--	45.65	--	3593.43
	11/10/2011		--	45.54	--	3593.32
	6/26/2012		--	45.79	--	3593.57
	6/20/2013		--	46.40	--	3594.18
	6/24/2014		--	46.89	--	3594.67
	4/16/2015		--	47.01	--	3594.79
	10/21/2015		--	--	--	--
	11/24/2015		--	47.12	--	3594.90
	12/16/2015		--	--	--	--
	1/27/2016		--	--	--	--
	2/25/2016		--	--	--	--
	3/29/2016		--	--	--	--
	4/12/2016		--	--	--	--
	5/25/2016		--	--	--	--
	6/30/2016		--	--	--	--
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/24/2017		--	45.69	--	3593.47
	4/23/2018	3548.77 (f)	--	45.39	--	3594.16
	3/19/2019		--	45.24	--	3594.01

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-13	3/23/2020	3548.77 (f)	--	45.19	--	3593.96
	3/10/2021		--	45.68	--	3594.45
	10/4/2021		--	45.90	--	3594.67
	3/18/2022		--	45.95	--	3594.72
	10/10/2022		--	45.81	--	3594.58
MW-14	4/11/2005	3539.73 (c)	--	52.25	--	3591.98
	12/1/2005		--	52.16	--	3591.89
	5/10/2006		--	52.05	--	3591.78
	12/13/2006		--	51.86	--	3591.59
	6/20/2007		--	51.66	--	3591.39
	12/6/2007		--	51.29	--	3591.02
	6/2/2008		--	51.35	--	3591.08
	12/10/2008		--	51.77	--	3591.50
	4/27/2009		--	51.79	--	3591.52
	6/11/2010		--	51.89	--	3591.62
	11/9/2011		--	52.48	--	3592.21
	6/26/2012		--	52.36	--	3592.09
	6/20/2013		--	52.89	--	3592.62
	6/24/2014		--	53.68	--	3593.41
	4/15/2015		--	53.14	--	3592.87
	10/21/2015		--	53.37	--	3593.10
	11/24/2015		--	--	--	--
	12/16/2015		--	53.01	--	3592.74
	1/27/2016		--	53.12	--	3592.85
	2/25/2016		--	53.17	--	3592.90
	3/29/2016		--	52.68	--	3592.41
	4/12/2016		--	53.10	--	3592.83
	5/25/2016		--	53.00	--	3592.73
	6/30/2016		--	53.03	--	3592.76
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	52.33	--	3592.06
	4/23/2018	3540.70 (f)	--	52.49	--	3593.19
	7/2/2018		--	52.40	--	3593.10
	3/19/2019		--	51.89	--	3592.59
	3/23/2020		--	51.65	--	3592.35
	3/10/2021		--	52.05	--	3592.75
	10/4/2021		--	52.34	--	3593.04
	3/18/2022		--	52.65	--	3593.35
	10/10/2022		--	54.25	--	3594.95
MW-15	4/11/2005	3542.82 (c)	--	48.39	--	3591.21
	12/1/2005		--	48.51	--	3591.33
	5/10/2006		--	48.54	--	3591.36
	12/13/2006		--	47.84	--	3590.66
	6/20/2007		--	47.79	--	3590.61
	12/6/2007		--	47.39	--	3590.21
	6/2/2008		--	47.60	--	3590.42
	12/10/2008		--	47.80	--	3590.62
	4/27/2009		--	47.87	--	3590.69
	6/11/2010		--	48.50	--	3591.32
	11/9/2011		--	48.82	--	3591.64
	6/26/2012		--	48.86	--	3591.68
	6/20/2013		--	49.77	--	3592.59
	6/24/2014		--	51.10	--	3593.92
	4/17/2015		--	50.33	--	3593.15
	10/21/2015		--	48.64	--	3591.46
	11/24/2015		--	48.54	--	3591.36
	12/16/2015		--	48.84	--	3591.66
	1/27/2016		--	49.19	--	3592.01
	2/25/2016		--	49.33	--	3592.15
	3/29/2016		--	49.04	--	3591.86
	4/12/2016		--	--	--	--
	5/25/2016		--	49.37	--	3592.19
	6/30/2016		--	49.53	--	3592.35
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	48.62	--	3591.44
	4/23/2018	3543.75 (f)	--	49.43	--	3593.18
	3/19/2019		--	--	--	--
	3/23/2020		--	48.48	--	3592.23
	3/10/2021		--	48.38	--	3592.13
	10/4/2021		--	48.85	--	3592.60

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
MW-15	3/18/2022	3543.75 (f)	--	48.99	--	3592.74
	10/10/2022		Unable to locate -- was not gauged			
MW-16	4/11/2005	3545.68 (c)	--	47.32	--	3593.00
	12/1/2005		--	47.52	--	3593.20
	5/10/2006		--	47.76	--	3593.44
	12/13/2006		--	47.46	--	3593.14
	6/20/2007		--	47.48	--	3593.16
	12/6/2007		--	47.25	--	3592.93
	6/2/2008		--	47.42	--	3593.10
	12/10/2008		--	47.61	--	3593.29
	4/27/2009		--	47.76	--	3593.44
	6/11/2010		--	47.94	--	3593.62
	11/9/2011		--	48.22	--	3593.90
	6/26/2012		--	48.61	--	3594.29
	6/20/2013		--	49.68	--	3595.36
	6/24/2014		--	50.91	--	3596.59
	4/17/2015		--	50.32	--	3596.00
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	50.79	--	3596.47
	1/27/2016		--	50.09	--	3595.77
	2/25/2016		--	50.01	--	3595.69
	3/29/2016		--	49.50	--	3595.18
	4/12/2016		--	--	--	--
	5/25/2016		--	49.63	--	3595.31
	6/30/2016		--	49.59	--	3595.27
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	48.41	--	3594.09
	4/23/2018	3546.68 (f)	--	48.73	--	3594.41
	3/19/2019		--	--	--	--
	3/23/2020		--	47.77	--	3594.45
	3/10/2021		--	48.40	--	3595.08
	10/4/2021		--	49.04	--	3595.72
	3/18/2022		--	49.47	--	3596.15
	10/10/2022		--	49.45	--	3596.13
MW-17	4/11/2005	3538.60 (d)	--	54.05	--	3592.65
	12/1/2005		--	53.99	--	3592.59
	5/10/2006		--	53.89	--	3592.49
	12/13/2006		--	53.75	--	3592.35
	6/20/2007		--	53.61	--	3592.21
	12/6/2007		--	53.25	--	3591.85
	6/2/2008		--	53.28	--	3591.88
	12/10/2008		--	53.60	--	3592.20
	4/27/2009		--	53.57	--	3592.17
	6/11/2010		--	53.63	--	3592.23
	11/9/2011		--	54.20	--	3592.80
	6/26/2012		--	54.00	--	3592.60
	6/20/2013		--	54.43	--	3593.03
	6/24/2014		--	55.89	--	3594.49
	4/17/2015		--	55.22	--	3593.82
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	55.32	--	3593.92
	1/27/2016		--	55.43	--	3594.03
	2/25/2016		--	55.48	--	3594.08
	3/29/2016		--	55.08	--	3593.68
	4/12/2016		--	--	--	--
	5/25/2016		--	55.20	--	3593.80
	6/30/2016		--	55.41	--	3594.01
	7/27/2016		--	--	--	--
	9/23/2016		--	--	--	--
	4/25/2017		--	54.90	--	3593.50
	4/23/2018	3539.56 (f)	--	54.20	--	3593.76
	3/19/2019		--	53.77	--	3593.33
	3/23/2020		--	53.42	--	3592.98
	6/2/2020		--	53.62	--	3593.18
	3/10/2021		--	53.72	--	3593.28
	10/4/2021		--	54.00	--	3593.56
	3/18/2022		--	54.23	--	3593.79
	10/10/2022		--	54.25	--	3593.81

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-1A	4/11/2005	3545.59 (c)	--	48.75	--	3594.34
	12/1/2005		--	48.81	--	3594.40
	5/10/2006		--	48.72	--	3594.31
	12/13/2006		--	48.58	--	3594.17
	6/20/2007		--	48.45	--	3594.04
	12/6/2007		--	48.07	--	3593.66
	6/2/2008		--	48.19	--	3593.78
	12/10/2008		--	48.35	--	3593.94
	4/27/2009		--	48.37	--	3593.96
	6/11/2010		--	48.74	--	3594.33
	11/9/2011		--	49.00	--	3594.59
	6/26/2012		--	49.02	--	3594.61
	6/20/2013		--	49.59	--	3595.18
	6/24/2014		--	50.10	--	3595.69
	4/17/2015		--	49.93	--	3595.52
	10/21/2015		--	49.88	--	3595.47
	11/24/2015		--	--	--	--
	12/16/2015		--	49.77	--	3595.36
	1/27/2016		--	49.98	--	3595.57
	2/25/2016		--	49.93	--	3595.52
	3/29/2016		--	49.47	--	3595.06
	4/12/2016		--	49.84	--	3595.43
	5/25/2016		--	49.71	--	3595.30
	6/30/2016		--	49.68	--	3595.27
	7/27/2016		--	49.58	--	3595.17
	9/23/2016		--	49.53	--	3595.12
	4/25/2017		--	48.81	--	3594.40
	4/23/2018	3546.54 (f)	--	49.38	--	3594.97
	7/2/2018		--	49.35	--	3595.89
	11/13/2018		--	51.24	--	3597.8
	3/19/2019		--	48.97	--	3595.51
	6/28/2019		--	48.93	--	3595.47
	9/17/2019		--	48.86	--	3595.40
	12/5/2019		--	48.86	--	3595.40
	3/23/2020		--	48.73	--	3595.27
	6/2/2020		--	48.96	--	3595.50
	9/21/2020		--	48.91	--	3595.45
	12/14/2020		--	48.20	--	3594.74
	3/10/2021		--	48.76	--	3595.30
	10/4/2021		--	49.19	--	3595.73
	3/18/2022		--	49.43	--	3595.97
	10/10/2022		--	49.50	--	3596.04
SVE-1	4/11/2005	3551.22 (e)	--	50.72	--	3601.94
	12/1/2005		--	50.44	--	3601.66
	5/10/2006		--	50.05	--	3601.27
	12/14/2006		--	48.37	--	3599.59
	6/20/2007		--	49.09	--	3600.31
	12/7/2007		--	48.57	--	3599.79
	5/30/2008		--	48.42	--	3599.64
	12/10/2008		--	48.43	--	3599.65
	5/1/2009		--	48.24	--	3599.46
	6/11/2010		--	48.44	--	3599.66
	11/10/2011		--	48.70	--	3599.92
	6/26/2012		--	48.62	--	3599.84
	6/20/2013		--	49.04	--	3600.26
	6/24/2014		--	49.57	--	3600.79
	4/17/2015		--	49.57	--	3600.79
	10/21/2015		--	49.78	--	3601.00
	11/24/2015		--	49.63	--	3600.85
	12/16/2015		--	49.69	--	3600.91
	1/27/2016		--	49.82	--	3601.04
	2/25/2016		--	49.88	--	3601.10
	3/29/2016		--	49.42	--	3600.64
	4/12/2016		--	49.74	--	3600.96
	5/25/2016		--	49.54	--	3600.76
	7/1/2016		--	49.46	--	3600.68
	7/27/2016		--	49.37	--	3600.59
	9/23/2016		--	49.20	--	3600.42
	4/24/2017		--	48.49	--	3599.71
	5/2/2017		--	50.41	--	3601.63
	4/23/2018	3552.19 (f)	--	48.27	--	3600.46
	7/2/2018		--	48.15	--	3600.34

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-1	3/19/2019	3552.19 (f)	--	48.05	--	3600.24
	3/23/2020		--	47.71	--	3599.90
	3/10/2021		--	48.11	--	3600.30
	10/4/2021		--	48.37	--	3600.56
	3/18/2022		--	48.51	--	3600.70
	10/10/2022		--	48.18	--	3600.37
SVE-2	5/24/2004	3551.96 (e)	--	49.70	--	3601.66
	11/9/2004		--	49.85	--	3601.81
	4/11/2005		--	50.31	--	3602.27
	12/1/2005		--	49.62	--	3601.58
	5/10/2006		--	48.15	--	3600.11
	12/14/2006		--	47.82	--	3599.78
	6/20/2007		--	47.48	--	3599.44
	12/7/2007		--	47.28	--	3599.24
	5/30/2008		--	47.40	--	3599.36
	12/10/2008		--	47.84	--	3599.80
	5/1/2009		--	47.92	--	3599.88
	6/11/2010		--	48.56	--	3600.52
	11/10/2011		--	48.33	--	3600.29
	6/26/2012		--	48.64	--	3600.60
	6/20/2013		--	49.20	--	3601.16
	6/24/2014		--	49.75	--	3601.71
	4/17/2015		Well could not be located			
	10/21/2015		Well could not be located			
	11/24/2015		Well could not be located			
	12/16/2015		Well could not be located -- will no longer gauge			
SVE-3	5/24/2004	3552.75 (e)	----	Dry	----	----
	11/9/2004		----	Dry	----	----
	12/1/2004		Well plugged and abandoned			
SVE-5	4/11/2005	3554.39 (e)	51.40	51.99	103.39	3689.09
	12/1/2005		50.81	51.57	102.38	3687.86
	5/10/2006		50.24	51.09	101.33	3686.54
	12/14/2006		47.85	48.12	95.97	3679.29
	6/20/2007		--	46.76	--	3601.15
	12/7/2007		--	47.37	--	3601.76
	5/30/2008		--	47.98	--	3602.37
	12/10/2008		--	48.73	--	3603.12
	5/1/2009		--	49.66	--	3604.05
	6/11/2010		50.08	50.12	100.20	3684.67
	11/10/2011		--	50.28	--	3604.67
	6/26/2012		50.61	50.67	0.06	3605.11
	6/20/2013		51.25	51.42	0.17	3605.95
	6/24/2014		51.74	51.99	103.73	3689.36
	4/17/2015		51.38	51.40	0.02	3605.81
	10/21/2015		--	49.72	--	3604.11
	11/24/2015		--	49.29	--	3603.68
	12/16/2015		--	48.70	--	3603.09
	1/27/2016		--	47.73	--	3602.12
	2/25/2016		--	47.30	--	3601.69
	3/29/2016		--	47.03	--	3601.42
	4/12/2016		--	47.03	--	3601.42
	5/25/2016		--	47.13	--	3601.52
	7/1/2016		--	47.60	--	3601.99
	7/27/2016		--	47.43	--	3601.82
	9/23/2016		--	47.19	--	3601.58
	4/24/2017		--	45.00	--	3599.39
	10/9/2017		--	49.42	--	3603.81
	2/1/2018	3555.37 (f)	--	49.09	--	3604.46
	4/23/2018		--	49.33	--	3604.70
	11/13/2018		--	49.66	--	3605.03
	3/19/2019		--	49.29	--	3604.66
	6/28/2019		--	49.36	--	3604.73
	9/17/2019		--	49.53	--	3604.90
	12/5/2019		--	49.65	--	3605.02
	3/23/2020		--	50.52	--	3605.89
	6/2/2020		--	49.96	--	3605.33
	9/21/2020		--	50.24	--	3605.61
	12/14/2020		--	50.14	--	3605.51
	3/10/2021		--	50.38	--	3605.75
	10/4/2021		--	51.36	--	3606.73
	3/18/2022		--	50.30	--	3605.67
	10/10/2022		--	50.24	--	3605.61

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-6	4/11/2005	3553.74 (e)	--	51.82	--	3605.56
	12/1/2005		--	49.94	--	3603.68
	5/10/2006		--	49.45	--	3603.19
	12/14/2006		--	48.88	--	3602.62
	6/20/2007		--	48.50	--	3602.24
	12/7/2007		--	48.18	--	3601.92
	5/30/2008		--	48.32	--	3602.06
	12/10/2008		--	48.81	--	3602.55
	5/1/2009		--	48.79	--	3602.53
	6/11/2010		--	49.31	--	3603.05
	11/10/2011		--	49.33	--	3603.07
	6/26/2012		--	49.50	--	3603.24
	6/20/2013		--	50.13	--	3603.87
	6/24/2014		--	50.63	--	3604.37
	4/17/2015		--	51.61	--	3605.35
	10/21/2015		--	50.61	--	3604.35
	11/24/2015		--	50.48	--	3604.22
	12/16/2015		--	50.56	--	3604.30
	1/27/2016		--	50.53	--	3604.27
	2/25/2016		--	50.54	--	3604.28
	3/29/2016		--	50.04	--	3603.78
	4/12/2016		--	50.30	--	3604.04
	5/25/2016		--	50.08	--	3603.82
	7/1/2016		--	49.95	--	3603.69
	7/27/2016		--	49.82	--	3603.56
	9/23/2016		--	49.64	--	3603.38
	4/24/2017		--	48.71	--	3602.45
	4/23/2018	3554.70 (f)	Bailer stuck in well			
	3/19/2019		--	48.39	--	3603.09
	3/23/2020		--	48.41	--	3603.11
	3/10/2021		--	49.03	--	3603.73
	10/4/2021		--	49.26	--	3603.96
	3/18/2022		--	49.22	--	3603.92
	10/10/2022		--	dry	--	--
SVE-7	4/11/2005	3553.81 (e)	--	52.38	--	3606.19
	12/1/2005		--	51.85	--	3605.66
	5/10/2006		--	51.23	--	3605.04
	12/14/2006		--	50.46	--	3604.27
	6/20/2007		--	50.04	--	3603.85
	12/7/2007		--	49.53	--	3603.34
	5/30/2008		--	49.45	--	3603.26
	12/10/2008		--	49.71	--	3603.52
	5/1/2009		--	49.65	--	3603.46
	6/11/2010		--	50.11	--	3603.92
	11/10/2011		--	50.15	--	3603.96
	6/26/2012		--	50.24	--	3604.05
	6/20/2013		--	50.78	--	3604.59
	6/24/2014		--	51.39	--	3605.20
	4/17/2015		--	51.30	--	3605.11
	10/21/2015		--	51.46	--	3605.27
	11/24/2015		--	51.33	--	3605.14
	12/16/2015		--	51.30	--	3605.11
	1/27/2016		--	51.40	--	3605.21
	2/25/2016		--	51.36	--	3605.17
	3/29/2016		--	50.87	--	3604.68
	4/12/2016		--	51.17	--	3604.98
	5/25/2016		--	50.85	--	3604.66
	7/1/2016		--	50.73	--	3604.54
	7/27/2016		--	50.63	--	3604.44
	9/23/2016		--	50.43	--	3604.24
	4/24/2017		--	49.64	--	3603.45
	4/23/2018	3554.82 (f)	--	49.37	--	3604.19
	3/19/2019		--	49.08	--	3603.90
	3/23/2020		--	47.95	--	3602.77
	3/10/2021		--	49.45	--	3604.27
	10/4/2021		--	49.65	--	3604.47
	3/18/2022		--	49.47	--	3604.29
	10/10/2022		--	49.16	--	3603.98
SVE-8	4/11/2005	3555.25 (e)	--	52.39	--	3607.64
	12/1/2005		--	51.60	--	3606.85
	5/10/2006		--	51.07	--	3606.32
	12/14/2006		--	50.67	--	3605.92

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-8	6/20/2007	3555.25 (e)	--	50.18	--	3605.43
	12/7/2007		--	50.03	--	3605.28
	5/30/2008		--	50.12	--	3605.37
	12/10/2008		--	50.58	--	3605.83
	5/1/2009		--	50.63	--	3605.88
	6/11/2010		--	52.13	--	3607.38
	11/10/2011		--	52.04	--	3607.29
	6/26/2012		--	52.34	--	3607.59
	6/20/2013		--	52.95	--	3608.20
	6/24/2014		--	53.49	--	3608.74
	4/17/2015		--	53.48	--	3608.73
	10/21/2015		--	53.35	--	3608.60
	11/24/2015		--	53.28	--	3608.53
	12/16/2015		--	53.18	--	3608.43
	1/27/2016		--	53.11	--	3608.36
	2/25/2016		--	53.03	--	3608.28
	3/29/2016		--	52.78	--	3608.03
	4/12/2016		--	52.86	--	3608.11
	5/25/2016		--	52.63	--	3607.88
	7/1/2016		--	52.54	--	3607.79
	7/27/2016		--	52.42	--	3607.67
	9/23/2016		--	52.29	--	3607.54
	4/24/2017		--	51.51	--	3606.76
	10/9/2017		--	49.85	--	3605.10
	4/23/2018	3555.66 (f)	--	49.76	--	3605.4
	11/13/2018		--	49.90	--	3605.56
	3/19/2019		--	49.49	--	3605.15
	3/23/2020		--	49.50	--	3605.16
	3/10/2021		--	50.14	--	3605.80
	10/4/2021		--	50.26	--	3605.92
	3/18/2022		--	49.80	--	3605.46
	10/10/2022		--	49.82	--	3605.48
SVE-9	4/11/2005	3555.36 (e)	--	53.53	--	3608.89
	12/1/2005		--	51.81	--	3607.17
	5/10/2006		--	51.10	--	3606.46
	12/14/2006		--	50.61	--	3605.97
	6/20/2007		--	50.31	--	3605.67
	12/7/2007		--	49.91	--	3605.27
	5/30/2008		--	50.00	--	3605.36
	12/10/2008		--	50.46	--	3605.82
	5/1/2009		--	50.48	--	3605.84
	6/11/2010		--	51.03	--	3606.39
	11/10/2011		--	50.97	--	3606.33
	6/26/2012		--	51.22	--	3606.58
	6/20/2013		--	51.85	--	3607.21
	6/24/2014		--	52.39	--	3607.75
	4/17/2015		--	52.46	--	3607.82
	10/21/2015		--	52.33	--	3607.69
	11/24/2015		--	52.22	--	3607.58
	12/16/2015		--	52.25	--	3607.61
	1/27/2016		--	52.15	--	3607.51
	2/25/2016		--	52.17	--	3607.53
	3/29/2016		--	51.70	--	3607.06
	4/12/2016		--	51.93	--	3607.29
	5/25/2016		--	51.68	--	3607.04
	7/1/2016		--	53.22	--	3608.58
	7/27/2016		--	51.44	--	3606.80
	9/23/2016		--	51.27	--	3606.63
	4/24/2017		--	50.26	--	3605.62
	7/2/2018	3556.29 (f)	--	50.74	--	3607.03
	3/19/2019		--	49.90	--	3606.19
	3/23/2020		--	50.10	--	3606.39
	12/14/2020		--	50.25	--	3606.54
	3/10/2021		--	50.69	--	3606.98
	10/4/2021		--	50.90	--	3607.19
	3/18/2022		--	50.66	--	3606.95
	10/10/2022		--	50.44	--	3606.73
SVE-10	4/11/2005	3554.40 (e)	--	52.06	--	3606.46
	12/1/2005		--	51.50	--	3605.90
	5/10/2006		50.89	50.89	sheen	3605.29
	12/14/2006		--	50.53	--	3604.93
	6/20/2007		50.10	50.10	sheen	3604.50

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-10	12/7/2007	3554.40 (e)	49.85	49.85	sheen	3604.25
	5/30/2008		--	49.82	--	3604.22
	12/10/2008		--	50.12	--	3604.52
	5/1/2009		--	50.23	--	3604.63
	6/11/2010		--	50.71	--	3605.11
	11/10/2011		--	50.58	--	3604.98
	6/26/2012		--	50.82	--	3605.22
	6/20/2013		--	51.41	--	3605.81
	6/24/2014		--	51.85	--	3606.25
	4/17/2015		--	52.02	--	3606.42
	10/21/2015		--	52.11	--	3606.51
	11/24/2015		--	52.03	--	3606.43
	12/16/2015		--	51.95	--	3606.35
	1/27/2016		--	51.93	--	3606.33
	2/25/2016		--	51.85	--	3606.25
	3/29/2016		--	51.70	--	3606.10
	4/12/2016		--	52.74	--	3607.14
	5/25/2016		--	51.62	--	3606.02
	7/1/2016		--	51.42	--	3605.82
	7/27/2016		--	51.28	--	3605.68
	9/23/2016		--	51.21	--	3605.61
	4/24/2017		--	50.50	--	3604.90
	5/2/2017		--	48.75	--	3603.15
	4/23/2018	3555.52 (f)	----	Dry	----	----
	7/2/2018		----	Dry	----	----
	11/13/2018		----	Dry	----	----
	3/19/2019		----	Dry	----	----
	3/23/2020		----	Dry	----	----
	3/10/2021		--	49.80	--	3605.32
	10/4/2021		--	50.04	--	3605.56
	3/18/2022		--	49.46	--	3604.98
	10/10/2022		--	49.72	--	3605.24
SVE-11	4/11/2005	3555.33 (e)	52.54	52.55	105.09	3691.95
	12/1/2005		51.81	53.05	104.86	3692.27
	5/10/2006		51.19	52.55	103.74	3690.87
	12/14/2006		50.71	50.71	sheen	3606.04
	6/20/2007		50.36	52.04	102.40	3689.29
	12/7/2007		50.05	51.90	101.95	3688.79
	5/30/2008		50.09	52.35	102.44	3689.63
	12/10/2008		50.58	52.72	103.30	3690.69
	5/1/2009		--	51.08	--	3606.41
	8/22/2009		--	51.60	--	3606.93
	10/5/2009		51.23	51.23	sheen	3688.53
	6/11/2010		51.49	51.61	103.10	3689.42
	11/10/2011		51.54	51.55	103.09	3689.35
	6/26/2012		51.66	52.24	0.58	3690.69
	6/20/2013		52.42	52.49	0.07	3691.75
	6/24/2014		52.71	53.52	106.23	3693.83
	4/17/2015		52.85	53.34	0.49	3693.62
	10/21/2015		52.76	53.29	106.05	3693.46
	11/24/2015		--	52.88	--	3608.21
	12/16/2015		--	52.85	--	3608.18
	1/27/2016		52.82	53.05	105.87	3693.08
	2/25/2016		52.72	52.96	105.68	3692.83
	3/29/2016		52.34	52.50	104.84	3691.70
	4/12/2016		--	--	--	--
	5/25/2016		52.41	52.46	104.87	3691.69
	7/1/2016		--	52.27	--	3607.60
	7/27/2016		--	52.09	--	3607.42
	9/23/2016		--	51.92	--	3607.25
	4/24/2017		--	51.17	--	3606.50
	4/23/2018	3556.32 (f)	51.05	51.63	102.68	3690.09
	3/19/2019		--	50.71	--	3607.03
	3/23/2020		50.95	51.95	102.90	3690.59
	3/10/2021		--	51.30	--	3607.62
	9/14/2021		51.40	52.30	103.70	3691.58
	10/4/2021		--	51.60	--	3607.92
	3/18/2022		51.30	52.25	103.55	3608.57
	10/10/2022		51.44	52.23	103.67	3608.55
SVE-12	4/11/2005	3555.64 (e)	52.97	52.98	105.95	3693.38
	12/1/2005		52.20	52.90	105.10	3692.62
	5/10/2006		51.61	52.37	103.98	3691.19

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-12	12/14/2006	3555.64 (e)	51.22	52.12	103.34	3690.43
	6/20/2007		50.81	51.81	102.62	3689.55
	12/7/2007		50.52	51.57	102.09	3688.88
	5/30/2008		50.65	51.75	102.40	3689.31
	12/10/2008		51.11	52.34	103.45	3690.74
	5/1/2009		--	51.53	--	3607.17
	8/22/2009		51.58	51.60	103.18	3689.78
	10/5/2009		--	51.39	--	3607.03
	6/11/2010		52.04	52.08	104.12	3691.02
	11/10/2011		51.91	52.02	103.93	3690.80
	6/26/2012		52.25	52.40	0.15	3691.76
	6/20/2013		52.90	52.90	sheen	3693.18
	6/24/2014		53.31	53.34	106.65	3694.30
	4/17/2015		53.38	53.43	106.81	3694.52
	10/21/2015		53.33	53.40	106.73	3694.42
	11/24/2015		--	53.25	--	3608.89
	12/16/2015		--	53.28	--	3608.92
	1/27/2016		--	53.26	--	3608.90
	2/25/2016		--	53.18	--	3608.82
	3/29/2016		--	52.77	--	3608.41
	4/12/2016		--	52.97	--	3608.61
	5/25/2016		--	52.72	--	3608.36
	7/1/2016		--	52.59	--	3608.23
	7/27/2016		--	52.53	--	3608.17
	9/23/2016		--	52.37	--	3608.01
	4/24/2017		--	51.50	--	3607.14
	4/23/2018	3556.66 (f)	--	51.51	--	3608.17
	11/13/2018		--	51.70	--	3608.36
	3/19/2019		--	51.31	--	3607.97
	6/28/2019		--	50.78	--	3607.44
	9/17/2019		--	50.73	--	3607.39
	12/5/2019		--	50.90	--	3607.56
	3/23/2020		--	50.90	--	3607.56
	6/2/2020		--	51.09	--	3607.75
	9/21/2020		--	51.39	--	3608.05
	12/14/2020		--	51.48	--	3608.14
	3/10/2021		--	51.47	--	3608.13
	10/4/2021		--	51.62	--	3608.28
	3/18/2022		--	51.40	--	3608.06
	10/10/2022		--	52.33	--	3608.99
SVE-13	4/11/2005	3554.11 (e)	--	51.49	--	3605.60
	12/1/2005		--	50.86	--	3604.97
	5/10/2006		--	49.18	--	3603.29
	12/14/2006		--	48.76	--	3602.87
	6/20/2007		--	48.46	--	3602.57
	12/7/2007		--	48.21	--	3602.32
	5/30/2008		--	49.38	--	3603.49
	12/10/2008		--	49.86	--	3603.97
	5/1/2009		--	49.98	--	3604.09
	6/11/2010		--	49.11	--	3603.22
	11/10/2011		--	50.34	--	3604.45
	6/26/2012		--	49.65	--	3603.76
	6/20/2013		--	50.21	--	3604.32
	6/24/2014		51.74	51.75	103.49	3688.65
	4/17/2015		51.86	51.87	0.01	3688.96
	10/21/2015		51.75	51.76	103.51	3688.68
	11/24/2015		--	51.75	--	3605.86
	12/16/2015		--	51.70	--	3605.81
	1/27/2016		--	51.64	--	3605.75
	2/25/2016		--	51.54	--	3605.65
	3/29/2016		--	51.19	--	3605.30
	4/12/2016		--	51.34	--	3605.45
	5/25/2016		--	51.10	--	3605.21
	7/1/2016		--	50.99	--	3605.10
	7/27/2016		--	50.89	--	3605.00
	9/23/2016		--	50.74	--	3604.85
	4/24/2017			49.94	--	3604.05
	2/1/2018	3554.52 (f)	--	49.35	--	3603.87
	4/23/2018		--	49.34	--	3603.86
	11/13/2018		--	49.58	--	3604.10
	3/19/2019		--	49.18	--	3603.70
	6/28/2019		--	49.18	--	3603.70

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
SVE-13	9/17/2019	3554.52 (f)	--	49.18	--	3603.70
	3/23/2020		--	49.31	--	3603.83
	6/2/2020		--	49.52	--	3604.04
	9/21/2020		--	49.82	--	3604.34
	12/14/2020		--	49.91	--	3604.43
	3/10/2021		--	49.90	--	3604.42
	10/4/2021		--	50.02	--	3604.54
	3/18/2022		--	49.87	--	3604.39
	10/10/2022		--	49.77	--	3604.29
SVE-14	4/11/2005	3554.83 (e)	--	49.37	--	3604.20
	12/1/2005		51.65	51.66	103.31	3689.14
	5/10/2006		--	50.02	--	3604.85
	12/14/2006		--	49.56	--	3604.39
	6/20/2007		--	49.08	--	3603.91
	12/7/2007		48.64	48.64	sheen	3603.47
	5/30/2008		49.92	49.92	sheen	3604.75
	12/10/2008		50.34	50.34	sheen	3605.17
	5/1/2009		50.42	50.42	sheen	3605.25
	6/11/2010		49.99	49.99	sheen	3604.82
	11/10/2011		50.97	50.97	sheen	3605.80
	6/26/2012		50.22	50.22	sheen	3605.05
	6/20/2013		50.91	50.91	sheen	3605.74
	6/24/2014		52.34	52.35	104.69	3690.93
	4/17/2015		52.54	52.55	0.01	3691.45
	10/21/2015		--	52.38	--	3607.21
	11/24/2015		--	52.37	--	3607.20
	12/16/2015		--	52.33	--	3607.16
	1/27/2016		--	52.39	--	3607.22
	2/25/2016		--	52.25	--	3607.08
	3/29/2016		--	51.88	--	3606.71
	4/12/2016		--	52.11	--	3606.94
	5/25/2016		--	51.86	--	3606.69
	7/1/2016		--	51.73	--	3606.56
	7/27/2016		--	51.63	--	3606.46
	9/23/2016		--	51.55	--	3606.38
	4/24/2017		--	51.71	--	3606.54
	2/1/2018	3555.85 (f)	--	50.59	--	3606.44
	4/23/2018		--	50.60	--	3606.45
	3/19/2019		--	50.45	--	3606.30
	3/23/2020		--	49.56	--	3606.30
	12/14/2020		--	51.09	--	3605.41
	3/10/2021		--	51.03	--	3606.94
	10/4/2021		--	52.14	--	3606.88
	3/18/2022		--	51.10	--	3607.99
	10/10/2022		--	50.97	--	3606.95
RW-1	4/11/2005	3545.97 (c)	--	52.29	--	3598.26
	12/1/2005		--	52.40	--	3598.37
	5/10/2006		--	52.41	--	3598.38
	12/13/2006		--	51.72	--	3597.69
	6/20/2007		--	51.62	--	3597.59
	12/6/2007		--	51.30	--	3597.27
	6/2/2008		--	51.38	--	3597.35
	12/10/2008		--	51.74	--	3597.71
	4/27/2009		--	51.79	--	3597.76
	6/11/2010		--	52.33	--	3598.30
	11/9/2011		--	52.80	--	3598.77
	6/26/2012		--	52.80	--	3598.77
	6/20/2013		--	53.64	--	3599.61
	6/24/2014		--	54.30	--	3600.27
	4/17/2015		--	53.47	--	3599.44
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	52.80	--	3598.77
	1/27/2016		--	53.16	--	3599.13
	2/25/2016		--	53.29	--	3599.26
	3/29/2016		--	52.88	--	3598.85
	4/12/2016		--	--	--	--
	5/24/2016		--	53.21	--	3599.18
	6/30/2016		Well plugged and abandoned			
RW-2	4/11/2005	3546.26 (c)	52.57	52.57	sheen	3598.83
	12/1/2005		--	52.68	--	3598.94
	5/10/2006		52.68	52.68	sheen	3598.94

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
RW-2	12/13/2006	3546.26 ©	--	52.01	--	3598.27
	6/20/2007		--	51.95	--	3598.21
	12/6/2007		51.55	51.55	sheen	3597.81
	6/2/2008		--	51.63	--	3597.89
	12/10/2008		--	52.03	--	3598.29
	4/27/2009		--	52.08	--	3598.34
	6/11/2010		--	52.56	--	3598.82
	11/9/2011		--	53.07	--	3599.33
	6/26/2012		53.02	53.03	106.05	3684.13
	7/28/2012		53.24	53.25	106.49	3684.70
	8/31/2012		53.23	53.25	106.48	3684.69
	10/11/2012		53.38	53.40	106.78	3685.08
	6/20/2013		53.81	53.90	107.71	3686.33
	6/24/2014		--	54.46	--	3600.72
	4/17/2015		--	53.71	--	3599.97
	10/21/2015		--	52.89	--	3599.15
	11/24/2015		--	52.85	--	3599.11
	12/16/2015		--	53.10	--	3599.36
	1/27/2016		--	53.47	--	3599.73
	2/25/2016		--	53.57	--	3599.83
	3/29/2016		--	53.12	--	3599.38
	4/12/2016		--	--	--	--
	5/24/2016		--	53.45	--	3599.71
	6/30/2016		Well plugged and abandoned			
RW-3	4/11/2005	3546.41 (c)	--	52.49	--	3598.90
	12/1/2005		--	52.65	--	3599.06
	5/10/2006		--	52.51	--	3598.92
	12/13/2006		--	52.06	--	3598.47
	6/20/2007		--	51.97	--	3598.38
	12/6/2007		--	51.56	--	3597.97
	6/2/2008		--	51.65	--	3598.06
	12/10/2008		--	52.07	--	3598.48
	4/27/2009		--	51.90	--	3598.31
	6/11/2010		--	52.39	--	3598.80
	11/9/2011		--	52.91	--	3599.32
	6/26/2012		--	52.90	--	3599.31
	6/20/2013		--	53.57	--	3599.98
	6/24/2014		--	54.12	--	3600.53
	4/17/2015		--	53.54	--	3599.95
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	53.08	--	3599.49
	1/27/2016		--	53.48	--	3599.89
	2/25/2016		--	53.45	--	3599.86
	3/29/2016		--	53.12	--	3599.53
	4/12/2016		--	--	--	--
	4/12/2016		--	53.27	--	3599.68
	6/30/2016		Well plugged and abandoned			
RW-4	4/11/2005	3546.96 (c)	--	52.54	--	3599.50
	12/1/2005		--	52.68	--	3599.64
	5/10/2006		--	52.49	--	3599.45
	12/13/2006		--	52.25	--	3599.21
	6/20/2007		--	51.72	--	3598.68
	12/6/2007		--	51.70	--	3598.66
	6/2/2008		--	51.77	--	3598.73
	12/10/2008		--	52.16	--	3599.12
	4/27/2009		--	52.00	--	3598.96
	6/11/2010		--	52.42	--	3599.38
	11/9/2011		--	52.98	--	3599.94
	6/26/2012		--	52.95	--	3599.91
	6/20/2013		--	53.55	--	3600.51
	6/24/2014		--	54.10	--	3601.06
	4/17/2015		--	53.57	--	3600.53
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	53.31	--	3600.27
	1/27/2016		--	53.72	--	3600.68
	2/25/2016		--	53.64	--	3600.60
	3/29/2016		--	53.25	--	3600.21
	4/12/2016		--	--	--	--
	5/24/2016		--	53.40	--	3600.36
	6/30/2016		Well plugged and abandoned			

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
RW-5	4/11/2005	3546.75 (c)	--	51.10	--	3597.85
	12/1/2005		--	51.11	--	3597.86
	5/10/2006		--	50.92	--	3597.67
	12/13/2006		--	50.88	--	3597.63
	6/20/2007		--	50.76	--	3597.51
	12/6/2007		--	50.32	--	3597.07
	6/2/2008		--	50.35	--	3597.10
	12/10/2008		--	50.80	--	3597.55
	4/27/2009		--	50.64	--	3597.39
	6/11/2010		--	50.92	--	3597.67
	11/9/2011		--	51.46	--	3598.21
	6/26/2012		--	51.41	--	3598.16
	6/20/2013		--	51.95	--	3598.70
	6/24/2014		--	52.42	--	3599.17
	4/17/2015		--	52.57	--	3599.32
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	52.26	--	3599.01
	1/27/2016		--	52.56	--	3599.31
	2/25/2016		--	52.45	--	3599.20
	3/29/2016		--	52.00	--	3598.75
	4/12/2016		--	--	--	--
	5/24/2016		--	52.09	--	3598.84
	6/30/2016		Well plugged and abandoned			
RW-6	4/11/2005	3546.69 (c)	--	50.57	--	3597.26
	12/1/2005		--	50.64	--	3597.33
	5/10/2006		--	50.37	--	3597.06
	12/13/2006		--	50.62	--	3597.31
	6/20/2007		--	50.33	--	3597.02
	12/6/2007		--	49.95	--	3596.64
	6/2/2008		--	49.99	--	3596.68
	12/10/2008		--	50.28	--	3596.97
	4/27/2009		--	50.23	--	3596.92
	6/11/2010		--	50.53	--	3597.22
	11/9/2011		--	50.90	--	3597.59
	6/26/2012		--	51.05	--	3597.74
	6/20/2013		--	51.69	--	3598.38
	6/24/2014		--	52.28	--	3598.97
	4/17/2015		--	52.22	--	3598.91
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	52.00	--	3598.69
	1/27/2016		--	52.33	--	3599.02
	2/25/2016		--	52.17	--	3598.86
	3/29/2016		--	51.77	--	3598.46
	4/12/2016		--	--	--	--
	5/24/2016		--	51.80	--	3598.49
	6/30/2016		Well plugged and abandoned			
RW-7	4/11/2005	3547.50 (c)	--	50.92	--	3598.42
	12/1/2005		--	50.96	--	3598.46
	5/10/2006		--	50.76	--	3598.26
	12/13/2006		--	50.91	--	3598.41
	6/20/2007		--	50.70	--	3598.20
	12/6/2007		--	50.34	--	3597.84
	6/2/2008		--	50.40	--	3597.90
	12/10/2008		--	50.78	--	3598.28
	4/27/2009		--	50.70	--	3598.20
	6/11/2010		--	50.95	--	3598.45
	11/9/2011		--	51.38	--	3598.88
	6/26/2012		--	51.51	--	3599.01
	6/20/2013		--	52.10	--	3599.60
	6/24/2014		--	52.59	--	3600.09
	4/17/2015		--	52.67	--	3600.17
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	52.38	--	3599.88
	1/27/2016		--	52.71	--	3600.21
	2/25/2016		--	52.54	--	3600.04
	3/29/2016		--	52.10	--	3599.60
	4/12/2016		--	--	--	--
	5/24/2016		--	52.10	--	3599.60
	6/30/2016		Well plugged and abandoned			

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
RW-8	4/11/2005	3547.04 (c)	49.77	49.79	99.56	3676.48
	12/1/2005		--	49.71	--	3596.75
	5/10/2006		49.66	49.66	sheen	3596.70
	12/13/2006		49.76	49.76	sheen	3596.80
	6/20/2007		--	49.64	--	3596.68
	12/6/2007		--	49.36	--	3596.40
	6/2/2008		--	49.32	--	3596.36
	12/10/2008		--	49.75	--	3596.79
	4/27/2009		--	49.76	--	3596.80
	6/11/2010		--	50.03	--	3597.07
	11/9/2011		--	50.34	--	3597.38
	6/26/2012		--	50.47	--	3597.51
	6/20/2013		--	51.05	--	3598.09
	6/24/2014		--	51.57	--	3598.61
	4/17/2015		--	51.61	--	3598.65
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	51.40	--	3598.44
	1/27/2016		--	51.60	--	3598.64
	2/25/2016		--	51.43	--	3598.47
	3/29/2016		--	51.03	--	3598.07
	4/12/2016		--	--	--	--
	5/24/2016		--	51.02	--	3598.06
	6/30/2016		Well plugged and abandoned			
RW-9	6/24/2014	3545.84 (c)	Well could not be located			
	4/17/2015		Well could not be located			
	10/21/2015		Well could not be located			
	11/24/2015		Well could not be located			
	12/16/2015		Well could not be located -- will no longer gauge			
RW-10	4/11/2005	3546.32 (c)	--	48.15	--	3594.47
	12/1/2005		--	48.17	--	3594.49
	5/10/2006		--	48.23	--	3594.55
	12/13/2006		--	47.98	--	3594.30
	6/20/2007		--	48.09	--	3594.41
	12/6/2007		--	47.49	--	3593.81
	6/2/2008		--	47.62	--	3593.94
	12/10/2008		--	47.89	--	3594.21
	4/27/2009		--	48.01	--	3594.33
	6/11/2010		--	48.39	--	3594.71
	11/9/2011		--	48.70	--	3595.02
	6/26/2012		--	48.81	--	3595.13
	6/20/2013		--	49.41	--	3595.73
	6/24/2014		--	49.84	--	3596.16
	4/17/2015		--	49.75	--	3596.07
	10/21/2015		--	49.60	--	3595.92
	11/24/2015		--	--	--	--
	12/16/2015		--	49.58	--	3595.90
	1/27/2016		--	49.80	--	3596.12
	2/25/2016		--	49.73	--	3596.05
	3/29/2016		--	49.12	--	3595.44
	4/12/2016		--	--	--	--
	5/24/2016		--	49.26	--	3595.58
	6/30/2016		Well plugged and abandoned			
RW-11	4/11/2005	3545.74 (c)	--	48.67	--	3594.41
	12/1/2005		--	48.78	--	3594.52
	5/10/2006		--	48.78	--	3594.52
	12/13/2006		--	48.41	--	3594.15
	6/20/2007		--	48.43	--	3594.17
	12/6/2007		--	47.81	--	3593.55
	6/2/2008		--	47.94	--	3593.68
	12/10/2008		--	48.16	--	3593.90
	4/27/2009		--	48.27	--	3594.01
	6/11/2010		--	48.87	--	3594.61
	11/9/2011		--	49.15	--	3594.89
	6/26/2012		--	49.29	--	3595.03
	6/20/2013		--	49.98	--	3595.72
	6/24/2014		--	49.35	--	3595.09
	4/17/2015		--	50.23	--	3595.97
	10/21/2015		--	--	--	--
	11/24/2015		--	--	--	--
	12/16/2015		--	49.90	--	3595.64
	1/27/2016		--	50.17	--	3595.91

Table 1

Summary of Groundwater Gauging Data
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Date	Top of Casing (ft AMSL)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Surface Elevation (ft AMSL)
RW-11	2/25/2016	3545.74 ©	--	50.10	--	3595.84
	3/29/2016		--	49.61	--	3595.35
	4/12/2016		--	--	--	--
	5/24/2016		--	49.76	--	3595.50
	6/30/2016		Well plugged and abandoned			
RW-12	4/11/2005	3544.43 (c)	--	49.79	--	3594.22
	12/1/2005		--	49.90	--	3594.33
	5/10/2006		--	49.90	--	3594.33
	12/13/2006		--	49.28	--	3593.71
	6/20/2007		--	49.24	--	3593.67
	12/6/2007		--	48.76	--	3593.19
	6/2/2008		--	48.87	--	3593.30
	12/10/2008		--	49.20	--	3593.63
	4/27/2009		--	49.30	--	3593.73
	6/11/2010		--	49.78	--	3594.21
	11/9/2011		--	50.21	--	3594.64
	6/26/2012		--	50.26	--	3594.69
	6/20/2013		--	51.04	--	3595.47
	6/24/2014		--	51.41	--	3595.84
	4/17/2015		--	51.27	--	3595.70
	10/21/2015		--	50.31	--	3594.74
	11/24/2015		--	50.26	--	3594.69
	12/16/2015		--	50.45	--	3594.88
	1/27/2016		--	50.80	--	3595.23
	2/25/2016		--	50.84	--	3595.27
	3/29/2016		--	50.42	--	3594.85
	4/12/2016		--	--	--	--
	5/24/2016		--	50.66	--	3595.09
	6/30/2016		Well plugged and abandoned			

Notes:
1) ft = feet AMSL = above mean sea level TOC = top of casing
2) -- = not detected/not measured
3) (b) = Groundwater elevation data from 2004 to 2015 was supplied by Apex TITAN, Inc.
4) (c) = Survey by John West Engineering, Hobbs, NM dated 11/1994
5) (d) = Survey by John West Engineering, Hobbs, NM dated 2/22/1996
6) (e) = Survey by Cypress Engineering, Houston, TX dated 8/11/1999
7) (f) = Survey By High Mesa, January 2019

Table 2

Summary of 2022 Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control		5	1,000	700	620	5	5	70	2	25	5	7	200	5	ne	ne	ne	30	600
MW-4	3/15/2022	< 1.0	1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	**650**
MW-5	3/15/2022	4.4	<1.0	2.0	2.3	<1.0	**17**	17	<1.0	**92**	<1.0	1.1	<1.0	<3.0	2.5	<4.0	<4.0	2.5	7.0
	10/11/2022	**13**	1.9	5.2	7.3	1.2	**24**	9.6	<1.0	**140**	<1.0	1.3	<1.0	<3.0	8.6	<4.0	<4.0	8.6	<5.0
MW-6	3/15/2022	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	1.8	1.2	<1.0	2.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**740**
	10/11/2022	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	2.1	1.2	<1.0	2.3	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**650**
MW-7	3/15/2022	<1.0	< 1.0	< 1.0	< 1.5	<1.0	1.2	2.8	<1.0	6.3	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	460
	10/11/2022	<1.0	< 1.0	< 1.0	< 1.5	<1.0	1.4	1.7	<1.0	5.0	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	410
MW-8	3/15/2022	2.6	<1.0	<1.0	<1.5	<1.0	**17**	62	<1.0	**43**	<1.0	1.4	<1.0	<3.0	<2.0	<4.0	<4.0	<10	130
	10/11/2022	3.0	<1.0	<1.0	<1.5	<1.0	**23**	**81**	<1.0	**62**	<1.0	1.5	<1.0	<3.0	<2.0	<4.0	<4.0	<10	110
MW-13	3/16/2022	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	<1.0	<1.0	<1.0	<1.0	< 1.0	<1.0	< 1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	370
MW-14	3/16/2022	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	3.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	**680**
MW-17	3/16/2022	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	<1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	<1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	580
SVE-1A	3/15/2022	**33**	7.0	17	4.0	**5.5**	**12**	**420**	<2.0	**360**	<2.0	**8.3**	5.0	*<6.0*	14	<8.0	<8.0	14	54
	10/11/2022	**37**	6.5	15	3.6	**9.7**	**13**	**540**	<2.0	**490**	<2.0	**9.7**	9.3	*<6.0*	15	<8.0	<8.0	15	25
SVE-1	3/15/2022	3.0	<1.0	<1.0	<1.5	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	25
	10/12/2022	2.1	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	21
SVE-5	3/16/2022	**620**	15	62	260	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	23	<20	20	**43**	**6,200**
	10/11/2022	**720**	29	110	500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<100	<200	<200	*<200*	**2,800**
SVE-7	3/16/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**750**
	10/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**710**
SVE-8	3/16/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**890**
	10/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**650**
SVE-9	3/16/2022	**56**	<2.0	<2.0	5.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<4.0	<8.0	<8.0	<20	**830**
	10/12/2022	2.4	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<4.0	<8.0	<8.0	<20	460
SVE-12	3/16/2022	**3,700**	<20	280	130	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**880**
	10/11/2022	**2,800**	<10	260	75	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	280
SVE-13	3/16/2022	**540**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	560
	10/11/2022	**470**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	420
	10/11/2022 (DUP)	**450**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	430
SVE-14	3/16/2022	**34**	<5.0	13	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	**630**
	10/11/2022	**23**	<5.0	10	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	**720**

Notes:
1) Analytical results are presented in micrograms per liter (µg/L), except sulfate which is presented in milligrams per liter (mg/L).
2) ne - not established
3) DCA - Dichloroethane, DCE - Dichloroethene, PCE - Tetrachloroethene, TCE - Trichloroethene
4) * = Naphthalene data by VOC method 8260 not included in 2015 data
5) Total Naphthalenes = Naphthalene + 1-Methylnaphthalene + 2-Methylnaphthalene
6) < - Analyte was not detected at or above the laboratory reported detection limit.
7) Bolded/shaded results exceed the respective NMWQCC standard.
8) Italicized results indicate the laboratory reported detection limit was higher than the NMWQCC standard.
9) For full list of VOC analytical data, refer to Appendix A.

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-1	5/25/2004	**25**	63	14	120	**32**	**38**	8.5	*<5*	**640**	**7.1**	**21**	170	**190**	21	< 20	< 20	21	--
	11/9/2004	**23**	53	16	160	**11**	**42**	< 10	*<10*	**410**	*<10*	*<10*	39	*<30*	23	< 40	< 40	23	--
	4/12/2005	**26**	60	18	150	**13**	**37**	8.9	*<5*	**250**	**6.4**	< 5	22	**17**	30	< 20	< 20	**30**	--
	12/2/2005	**37**	94	23	190	**32**	**54**	9.9	**13**	**440**	< 5	**12**	89	**100**	31	< 20	32	**63**	--
	5/11/2006	**26**	61	17	120	**19**	**30**	6.4	*<5*	**280**	**6.7**	5.4	15	*<15*	27	< 20	< 20	27	--
	12/17/2006	**48**	130	32	210	**20**	**58**	12	*<10*	**380**	*<10*	*<10*	18	*<30*	32	< 40	< 40	**32**	--
	6/21/2007	**25**	66	16	92	**42**	**41**	5.6	1.6	**350**	3.1	4.9	31	**9.0**	22	6.9	9.6	**39**	--
	12/7/2007	**20**	62	11	79	**46**	**58**	< 10	*<10*	**600**	*<10*	*<10*	38	*<30*	< 20	< 40	< 40	*<100*	--
	6/2/2008	**29**	80	15	100	**76**	**66**	< 10	*<10*	**760**	*<10*	**14**	94	*<30*	22	< 40	< 40	22	--
	6/20/2013	Not sampled due to presence of LNAPL - June 2013 to October 2022																	
MW-4	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	1.3	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	1.1	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/25/2014	<0.150	0.33 J	<0.230	<0.8	<0.280	<0.160	<0.250	<0.280	<0.330	<0.260	<0.350	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	**652**
	4/15/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/13/2016	< 1.0	<1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<10	<10	<10	<30	**740**
	4/27/2017	< 1.0	<1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	4/24/2018	< 1.0	<1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	**700**
	3/21/2019	< 1.0	<1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	**660**
	3/24/2020	< 1.0	<1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	570
	3/11/2021	< 1.0	<1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	**670**
	3/15/2022	< 1.0	1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	**650**
MW-5	5/25/2004	**22**	7.5	5.1	13	<5.0	**130**	**120**	*<5.0*	**150**	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	--
	11/9/2004	**19**	8.3	<5.0	<5.0	<5.0	**130**	**150**	*<5.0*	**160**	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	--
	4/12/2005	**23**	7.3	<5.0	15	<5.0	**94**	**82**	*<5.0*	**98**	<5.0	5.8	<5.0	*<15*	11	<20	<20	11	--
	12/2/2005	**21**	7.7	6.4	16	2.4	**66**	61	**2.2**	**71**	1.7	3.3	2.0	<3.0	9.8	<4.0	<4.0	9.8	--
	5/11/2006	**14**	4.1	4.5	10	1.6	**47**	39	<1.0	**95**	3.0	2.1	<1.0	<3.0	8.5	<4.0	<4.0	8.5	--
	12/17/2006	**47**	16	17	42	<5.0	**150**	**120**	*<5.0*	**210**	**8.7**	5.8	<5.0	*<15*	24	<20	<20	24	--
	6/21/2007	**15**	5.7	5.6	12	1.8	**43**	36	<1.0	**73**	1.3	2.6	1.1	<1.0	9.7	<4.0	<4.0	9.7	--

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-5	12/7/2007	**15**	4.7	4.3	11	2.6	**38**	30	<1.0	**71**	2.9	2.1	1.5	<1.0	8.7	<4.0	<4.0	8.7	--
	6/2/2008	**14**	3.6	4.2	7.5	<1.0	**39**	31	<1.0	**72**	1.1	2.0	<1.0	<3.0	9.0	<4.0	<4.0	9.0	--
	12/11/2008	**20**	6.3	4.1	16	2.6	**38**	31	<1.0	**95**	1.5	2.5	<1.0	<3.0	15	<4.0	5.9	21	--
	4/28/2009	**16**	3.8	5.5	12	1.6	**32**	26	<1.0	**77**	1.2	1.6	<1.0	<3.0	9.1	<4.0	<4.0	9.1	--
	6/13/2010	**17**	5.0 J	6.3 J	<15	*<10*	**32**	42	**3.7 J**	**71**	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	--
	11/10/2011	**16**	<10	<10	<15	*<10*	**24**	48	*<10*	**61**	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	--
	6/27/2012	**14**	<5.0	5.6	8.2	<5.0	**27**	43	*<5*	**72**	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	--
	6/20/2013	**12**	2.2	3.1	5.9	1.2	**29**	31	<1.0	**95**	<1.0	1.7	<1.0	<3.0	6.6	<4.0	<4.0	6.6	--
	6/25/2014	**15.6 J**	<4.20	<4.60	<16.0	*<5.60*	**25.4**	27.2	*<5.60*	**94.4**	*<5.20*	<7.00	<6.20	**11.4 J**	<0.0708	<0.107	<0.0834	<0.261	13.6
	6/25/2014 (DUP)	**16.2**	2.90 J	4.32 J	4.00 J	<2.80	**20.2**	24.5	*<2.80*	**93.1**	<2.60	<3.50	<3.10	**5.74 J**	<0.0708	<0.107	<0.0834	<0.261	13
	4/15/2015	**15**	<1.0	6.5	13.0	<1.0	**26**	26	<1.0	**98**	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/13/2016	**12**	1.8	4.0	7.4	<1.0	**19**	24	<1.0	**90**	<1.0	1.1	<1.0	<3.0	8.1	<4.0	<4.0	8.1	< 2.5
	4/26/2017	**9.1**	1.6	3.8	6.1	<1.0	**21**	26	<1.0	**87**	<1.0	1.3	<1.0	<3.0	6.0	<4.0	<4.0	6.0	--
	4/24/2018	**10**	1.8	3.8	6.3	<1.0	**23**	27	<1.0	**98**	<1.0	1.8	<1.0	<3.0	6.4	<4.0	<4.0	6.4	< 2.5
	3/21/2019	**13**	1.4	3.7	4.7	<1.0	**20**	28	<1.0	**84**	1.0	1.2	<1.0	<3.0	4.6	<4.0	<4.0	4.6	< 2.5
	6/28/2019	**16**	2.6	5.4	8.8	<2.0	**20**	27	<2.0	**100**	<2.0	<2.0	<2.0	*<6.0*	7.0	<8.0	<8.0	7.0	< 5.0
	9/17/2019	**15**	2.4	5.9	8.9	<2.0	**25**	32	<2.0	**110**	<2.0	<2.0	<2.0	*<6.0*	8.3	<8.0	<8.0	8.3	< 5.0
	12/5/2019	**12**	<2.0	4.2	7.1	<2.0	**17**	21	<2.0	**79**	<2.0	<2.0	<2.0	*<6.0*	6.8	<8.0	<8.0	6.8	< 5.0
	3/24/2020	**16**	2.2	5.4	8.3	<2.0	**21**	27	<2.0	**110**	<2.0	<2.0	<2.0	*<6.0*	7.8	<8.0	<8.0	7.8	< 5.0
	6/2/2020	**16**	2.7	6.8	10.0	<1.0	**21**	30	<1.0	**110**	1.2	1.2	<1.0	<3.0	9.4	<4.0	<4.0	9.4	< 5.0
	9/22/2020	**13**	2.3	5.8	8.2	<1.0	**22**	27	<1.0	**110**	<1.0	1.7	<1.0	<3.0	8.0	<4.0	<4.0	8.0	3.2
	12/14/2020	**15**	2.2	5.4	6.0	<1.0	**21**	32	<1.0	**97**	<1.0	1.7	<1.0	<3.0	7.6	<4.0	<4.0	7.6	1.8
	3/10/2021	**15**	2.6	6.3	8.7	<1.0	**23**	37	1.1	**82**	<1.0	1.5	<1.0	<3.0	9.6	<4.0	4.8	14.4	< 2.5
	10/5/2021	**5.7**	<1.0	2.1	3.2	1.1	**25**	17	<1.0	**130**	<1.0	1.9	1.1	<3.0	3.5	<4.0	<4.0	3.5	7.5
	3/15/2022	4.4	<1.0	2.0	2.3	<1.0	**17**	17	<1.0	**92**	<1.0	1.1	<1.0	<3.0	2.5	<4.0	<4.0	2.5	7.0
	10/11/2022	**13**	1.9	5.2	7.3	1.2	**24**	9.6	<1.0	**140**	<1.0	1.3	<1.0	<3.0	8.6	<4.0	<4.0	8.6	--
MW-6	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**12**	5.2	< 1.0	6.9	< 1.0	1.1	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**10**	4.6	< 1.0	5.5	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	4/12/2005	1.1	< 1.0	< 1.0	< 1.0	< 1.0	**10**	5.1	< 1.0	6.7	< 1.0	1.3	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**10**	4.2	< 1.0	5.3	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	5/11/2006	1.1	< 1.0	< 1.0	< 3.0	< 1.0	**9.9**	4.6	< 1.0	6.4	< 1.0	1.2	< 1.0	< 1.0	<2.0	<4.0	<4.0	<10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	**11**	4.1	< 1.0	6.5	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	<4.0	<4.0	<10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**9.1**	3.5	< 1.0	4.7	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**9.1**	3.1	< 1.0	4.1	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**9.2**	3.5	< 1.0	5.3	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**8.5**	3.2	< 1.0	3.6	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**7.6**	3.0	< 1.0	4.3	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**6.2**	2.7	< 1.0	3.6	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	11/9/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.8	2.3	< 1.0	3.2	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**5.1**	2.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.6	2.1	< 1.0	2.8	< 1.0	< 1.0	< 1.0	< 3.0	<2.0	<4.0	<4.0	<10	--

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-6	6/26/2014	0.590 J	<0.210	<0.230	<0.8	<0.280	4.23	1.91	<0.280	3.73	<0.260	<0.350	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	**606**
	4/15/2015	<1.0	<1.0	<1.0	<13	<1.0	3.5	1.7	<1.0	3.2	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/14/2016	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	3.6	2	<1.0	3.2	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	**650**
	4/27/2017	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	3.2	2.1	<1.0	3.2	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	--
	4/24/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.7	2.6	<1.0	4.9	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**680**
	3/21/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	3.3	1.6	<1.0	2.3	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**770**
	3/24/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	2.9	1.7	<1.0	3.8	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**630**
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	2.8	1.5	<1.0	2.4	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**750**
	10/5/2021	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	2.4	1.3	<1.0	3.2	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**670**
	3/15/2022	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	1.8	1.2	<1.0	2.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**740**
	10/11/2022	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	2.1	1.2	<1.0	2.3	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**650**
MW-7	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**12**	28	< 1.0	**29**	< 1.0	1.4	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**12**	31	< 1.0	**28**	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**13**	34	< 1.0	**32**	< 1.0	1.9	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**12**	33	< 1.0	**30**	< 1.0	1.4	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	**9.8**	25	< 1.0	**30**	< 1.0	1.3	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/14/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	**21**	41	< 1.0	**38**	< 1.0	1.4	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**10**	36	< 1.0	**30**	< 1.0	1.4	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**9.7**	36	< 1.0	**33**	< 1.0	1.2	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**8.8**	33	< 1.0	**32**	< 1.0	1.4	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**10**	48	< 1.0	**41**	< 1.0	1.6	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**8.2**	36	< 1.0	**32**	< 1.0	1.1	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**7.3**	34	< 1.0	**29**	< 1.0	1.2	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**6.6**	52	< 1.0	**37**	< 1.0	1.4	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**8.6**	50	< 1.0	**42**	< 1.0	1.9	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**9.2**	60	< 1.0	**53**	< 1.0	1.8	< 1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2014	1.04		<0.230	<0.8	<0.280	**7.52**	68	1.01	**59**	0.400 J	1.42	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	400
	4/15/2015	<1.0	<1.0	<1.0	<3.0	<1.0	**9.9**	57	<1.0	**58**	<1.0	1.8 J	<1.0	<2.5	--	--	--	--	--
	4/14/2016	<1.0	< 1.0	< 1.0	< 1.5	<1.0	**6.2**	41	<1.0	**37**	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	400
	4/26/2017	<1.0	< 1.0	< 1.0	< 1.5	<1.0	4.5	32	<1.0	**30**	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/24/2018	<1.0	< 1.0	< 1.0	< 1.5	<1.0	3.5	18	<1.0	24	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	340
	7/2/2018	<1.0	< 1.0	< 1.0	< 1.5	<1.0	3.0	23	<1.0	**30**	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	370
	3/21/2019	<1.0	< 1.0	< 1.0	< 1.5	<1.0	2.4	6.3	<1.0	10	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	390
	3/24/2020	<1.0	< 1.0	< 1.0	< 1.5	<1.0	2.0	5.1	<1.0	11	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	400
	3/10/2021	<1.0	< 1.0	< 1.0	< 1.5	<1.0	1.6	3.2	<1.0	6.4	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	410
	10/5/2021	<1.0	< 1.0	< 1.0	< 1.5	<1.0	1.4	3.9	<1.0	10	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	430
	3/15/2022	<1.0	< 1.0	< 1.0	< 1.5	<1.0	1.2	2.8	<1.0	6.3	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	460
	10/11/2022	<1.0	< 1.0	< 1.0	< 1.5	<1.0	1.4	1.7	<1.0	5.0	<1.0	<1.0	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	410
MW-8	5/25/2004	**12**	< 2.0	< 2.0	< 2.0	< 2.0	**58**	**72**	< *2.0*	**120**	2.1	5.5	< 2.0	< *6.0*	< 4.0	< 8.0	< 8.0	<20	--
	11/9/2004	**7.5**	< 5.0	< 5.0	< 5.0	< 5.0	**54**	59	< *5.0*	**92**	< 5.0	< 5.0	< 5.0	< *15*	< 10	< 20	< 20	<*50*	--
	4/12/2005	**6.4**	< 5.0	< 5.0	< 5.0	< 5.0	**35**	36	< *5.0*	**63**	< 5.0	< 5.0	< 5.0	< *15*	< 10	< 20	< 20	<*50*	--

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-8	12/2/2005	**5.6**	< 1.0	< 1.0	< 1.0	< 1.0	**42**	47	**2.6**	**67**	1.4	3.7	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	4.0	< 1.0	< 1.0	< 3.0	< 1.0	**35**	46	1.2	**82**	3.1	3.4	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	12/17/2006	2.1	< 1.0	< 1.0	< 3.0	< 1.0	**18**	19	< 1.0	**33**	1.1	1.2	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2007	2.8	< 1.0	< 1.0	< 1.5	< 1.0	**29**	30	< 1.0	**45**	< 1.0	2.3	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	3.9	< 1.0	< 1.0	< 1.5	< 1.0	**41**	48	< 1.0	**68**	2.7	3.4	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	3.6	< 1.0	< 1.0	< 1.5	< 1.0	**40**	50	< 1.0	**66**	1.1	3.7	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	3.5	< 1.0	< 1.0	< 1.5	< 1.0	**41**	66	< 1.0	**78**	1.2	3.6	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	3.3	< 1.0	< 1.0	< 1.5	< 1.0	**39**	65	< 1.0	**73**	1.1	3.7	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	3.6	< 1.0	< 1.0	< 1.5	< 1.0	**28**	57	< 1.0	**55**	1.0	3.2	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2011	3.1	< 1.0	< 1.0	< 1.5	< 1.0	**23**	60	< 1.0	**47**	< 1.0	2.3	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/27/2012	3.6	< 1.0	< 1.0	< 1.5	< 1.0	**29**	58	< 1.0	**49**	1.0	3.0	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/20/2013	3.5	< 1.0	< 1.0	< 1.5	< 1.0	**31**	65	< 1.0	**57**	< 1.0	2.8	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/20/2013 (DUP)	3.5	< 1.0	< 1.0	< 1.5	< 1.0	**30**	67	< 1.0	**58**	1.2	2.8	< 1.0	< 3	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2014	Insufficient Well Volume - Not Sampled																	
	4/14/2016	2.6	< 1.0	< 1.0	< 1.5	<1.0	**22**	51	<1.0	**48**	<1.0	2.0	<1.0	<3.0	<10	<10	<10	<30	96
	4/26/2017	2.7	< 1.0	< 1.0	< 1.5	<1.0	**21**	56	<1.0	**48**	<1.0	1.9	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/24/2018	2.9	< 1.0	< 1.0	< 1.5	<1.0	**28**	69	<1.0	**63**	1.1	2.6	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	96
	7/2/2018	3.0	< 1.0	< 1.0	< 1.5	<1.0	**25**	69	<1.0	**61**	<1.0	2.6	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	96
	11/14/2018	4.2	< 1.0	< 1.0	< 1.5	<1.0	**18**	43	<1.0	**40**	<1.0	1.6	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	150
	3/21/2019	1.5	< 1.0	< 1.0	< 1.5	<1.0	**15**	34	<1.0	**32**	<1.0	1.1	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	150
	12/5/2019	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	< 2.0	<2.0	<2.0	<2.0	<2.0	**<6.0**	< 4.0	<8.0	<8.0	<20	**30,000**
	3/24/2020	2.5	< 1.0	< 1.0	< 1.5	<2.0	<2.0	<2.0	< 2.0	<2.0	<2.0	<2.0	<2.0	**<6.0**	< 4.0	<8.0	<8.0	<20	**3,100**
	6/2/2020	2.5	<1.0	<1.0	<1.5	<1.0	**20**	54	<1.0	**46**	<1.0	1.8	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,100**
	9/22/2020	2.2	<1.0	<1.0	<1.5	<1.0	**17**	51	<1.0	**43**	<1.0	2.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	340
	12/14/2020	2.8	<1.0	<1.0	<1.5	<1.0	**19**	61	<1.0	**38**	<1.0	1.6	<1.0	<3.0	<2.0	<4.0	<4.0	<10	290
	3/10/2021	3.1	<1.0	<1.0	<1.5	<1.0	**22**	68	1.0	**44**	<1.0	1.6	<1.0	<3.0	<2.0	<4.0	<4.0	<10	270
	10/5/2021	3.1	<1.0	<1.0	<1.5	<1.0	**22**	73	1.0	**50**	<1.0	2.1	<1.0	<3.0	<2.0	<4.0	<4.0	<10	150
	3/15/2022	2.6	<1.0	<1.0	<1.5	<1.0	**17**	62	<1.0	**43**	<1.0	1.4	<1.0	<3.0	<2.0	<4.0	<4.0	<10	130
	10/11/2022	3.0	<1.0	<1.0	<1.5	<1.0	**23**	**81**	<1.0	**62**	<1.0	1.5	<1.0	<3.0	<2.0	<4.0	<4.0	<10	110
MW-9	5/24/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/9/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/10/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/27/2009	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2010	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-9	11/10/2011	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	<0.15	<0.21	<0.23	<0.8	<0.28	<0.16	<0.25	<0.28	<0.33	<0.26	<0.35	<0.31	<0.46	<0.0708	<0.107	<0.0834	<0.261	**913**
	4/16/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
MW-10	5/24/2004	Not sampled due to presence of LNAPL																	
	11/9/2004																		
	4/11/2005																		
	12/1/2005																		
	5/10/2006																		
	12/14/2006																		
	6/20/2007																		
	12/7/2007																		
	5/30/2008																		
	12/10/2008																		
	5/1/2009																		
	8/22/2009																		
	10/5/2009																		
	6/11/2010																		
	11/10/2011																		
	6/25/2014																		
	4/25/2017	**5,550**	10	490	**2,400**	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	190	280	360	**830**	13
	10/9/2017	**5,200**	<1.0	330	**2,100**	--	--	--	*<10*	<10	*<10*	--	<10	*<30*	<30	<30	<30	*<90*	**640**
	2/1/2018	**5,900**	23	390	**2,000**	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	51	30	34	**116**	**900**
	4/26/2018	**5,500**	<20	340	**1,900**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**26,000**
	11/14/2018	**5,100**	<20	340	**2,300**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	72
	3/20/2019	**6,300**	<20	450	**2,900**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	44	<80	<80	**44**	< 2.5
	6/28/2019	**4,900**	<20	290	**1,900**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	44	<80	<80	**44**	38
	9/17/2019	Well Obstructed																	
	12/5/2019	Not Sampled Due to Presence of LNAPL																	
	3/25/2020	**5,800**	<20	370	**2,400**	*<20*	*<20*	<20	*<20*	<20	*<10*	*<20*	<20	*<60*	45	<80	<80	**45**	54
	6/22/2020	**6,200**	<20	370	**2,400**	*<20*	*<20*	<20	*<20*	<20	*<10*	*<20*	<20	*<60*	41	<80	<80	**41**	15
	9/22/2020	Not sampled due to presence of LNAPL																	
	12/14/2020																		
	3/11/2021																		
	10/5/2021																		
	3/15/2022																		
	10/11/2022																		
MW-11	5/24/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/9/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-11	12/1/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/10/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/27/2009	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2010	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	<0.15	<0.21	<0.23	<0.8	<0.28	<0.16	<0.25	<0.28	<0.33	<0.26	<0.35	<0.31	<0.46	<0.0708	<0.107	<0.0834	<0.261	272
	4/16/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
MW-12	5/24/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/9/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/10/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/27/2009	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2010	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	<0.150	0.290 J	<0.230	<0.8	<0.280	<0.160	<0.250	<0.280	<0.330	<0.260	<0.350	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	**750**
	4/15/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
MW-13	5/24/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/9/2004	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/2005	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/10/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2006	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-13	4/27/2009	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2010	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	<0.150	<0.280 J	<0.230	<0.8	<0.280	<0.160	<0.250	<0.280	<0.330	<0.260	<0.350	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	168
	4/16/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	3/11/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	<1.0	<1.0	<1.0	<1.0	< 1.0	<1.0	< 1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	300
	3/16/2022	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	<1.0	<1.0	<1.0	<1.0	< 1.0	<1.0	< 1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	370
MW-14	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**12**	5.8	< 1.0	**29**	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**10**	5.0	< 1.0	24	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**9.8**	5.3	< 1.0	**27**	< 1.0	1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8.9**	5.0	< 1.0	**26**	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	**6.8**	4.1	< 1.0	**28**	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	**7.4**	4.5	< 1.0	**28**	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**5.2**	3.1	< 1.0	19	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.7	2.4	< 1.0	18	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.3	2.4	< 1.0	19	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	3.7	2.7	< 1.0	19	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	3.5	2.3	< 1.0	20	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	2.4	1.8	< 1.0	16	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/9/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	1.2	1.1	< 1.0	12	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	1.3	< 1.0	< 1.0	12	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	11	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2014	0.430 J	<0.210	<0.230	<0.8	<0.280	0.490 J	0.290 J	<0.280	11.0	<0.260	<0.350	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	506
	4/15/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	10.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/14/2016	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	6.7	< 1.0	< 1.0	< 1.0	< 3.0	<10	<10	<10	<30	520
	4/26/2017	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	6.7	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/24/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	6.7	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	540
	7/2/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	6.3	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	470
	3/21/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	6.3	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	**650**
	3/25/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	6.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	590
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	3.2	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	**710**
	3/16/2022	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	<1.0	3.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	**680**
MW-15	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	2.5	< 1.0	2.6	1.9	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.4	< 1.0	2.6	1.9	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	< 1.0	1.9	2.7	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.7	< 1.0	2.6	1.9	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	< 1.0	2.1	1.9	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	< 1.0	2.4	1.7	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	3.1	< 1.0	1.7	1.9	< 3.0	< 2.0	< 4.0	< 4.0	<10	--

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-15	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 1.0	1.6	1.4	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.0	1.4	1.1	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	2.0	< 1.0	1.9	1.1	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	1.7	1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	1.4	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	1.3	1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0	1.2	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.0	1.6	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	1.2	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/25/2014	<0.150	0.220 J	<0.230	<0.8	<0.280	<0.160	<0.250	<0.280	1.60	<0.260	1.27	0.570 J	<0.460	<0.0708	<0.107	<0.0834	<0.261	476
	4/15/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.1	2.1	<2.5	--	--	--	--	--
MW-16	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	**6.6**	< 1.0	< 1.0	< 1.0	1.5	< 1.0	2.1	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	**8.3**	< 1.0	< 1.0	< 1.0	1.3	< 1.0	1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	**5.6**	< 1.0	< 1.0	< 1.0	2.3	< 1.0	2.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	**5.2**	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	1.4	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	**5.1**	1.3	< 1.0	< 1.0	< 2.0	< 1.0	1.8	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	4.0	1.3	< 1.0	< 1.0	< 2.0	< 1.0	1.2	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	4.8	< 1.0	< 1.0	< 1.0	1.1	< 1.0	1.2	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	3.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	4.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	4.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	3.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 1.5	2.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2013	< 1.0	< 1.0	< 1.0	< 1.5	2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2014	<0.150	0.250 J	<0.230	<0.8	1.04	0.190 J	<0.250	<0.280	0.670 J	<0.260	<0.350	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	**606**
	4/15/2015	<1.0	<1.0	<1.0	<3.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
MW-17	11/10/2004	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 1.0	< 1.0	1.9	< 1.0	2.6	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 1.0	< 1.0	3.0	< 1.0	2.8	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	2.1	< 1.0	2.7	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 1.0	1	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/15/2006	< 1.0	< 1.0	< 1.0	< 3.0	1.4	1.2	< 1.0	< 1.0	< 2.0	< 1.0	1.9	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	1.7	< 1.0	< 1.0	< 1.0	1.5	< 1.0	2.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	1.7	< 1.0	< 1.0	< 1.0	1.2	< 1.0	1.6	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	1.6	< 1.0	< 1.0	< 1.0	1.5	< 1.0	1.8	< 2.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	1.8	< 1.0	< 1.0	< 1.0	1.2	< 1.0	1.6	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	2.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0	1.5	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	1.8	< 1.0	< 1.0	< 1.0	1.1	< 1.0	1.2	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	11/9/2011	< 1.0	< 1.0	< 1.0	< 1.5	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-17	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	--
	6/26/2014	<0.150	<0.210	<0.230	<0.8	0.580 J	0.240 J	<0.250	<0.280	0.830 J	<0.260	0.490 J	<0.310	<0.460	<0.0708	<0.107	<0.0834	<0.261	558
	4/15/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	6/2/2020	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	<1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	<1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	490
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	<1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	<1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	570
	3/16/2022	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	<1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	<1.0	< 3.0	< 2.0	< 4.0	< 4.0	<10	580
SVE-1A	5/25/2004	**90**	47	25	95	*<10*	**80**	**120**	*<10*	**380**	*<10*	**10**	40	*<30*	23	<40	<40	23	--
	11/10/2004	**91**	99	32	190	<5.0	**140**	**310**	*<5.0*	**680**	<5.0	**19**	41	*<15*	26	<20	21	**47**	--
	4/12/2005	**85**	36	29	79	*<10*	**35**	**85**	*<10*	**150**	*<10*	*<10*	<10	*<30*	28	<40	<40	28	--
	12/2/2005	**170**	37	60	110	*<10*	**48**	**76**	*<10*	**150**	*<10*	*<10*	12	*<30*	39	< 40	51	**90**	--
	5/11/2006	**110**	23	41	89	<5.0	**37**	**74**	*<5.0*	**150**	**8.1**	<5	<5	*<15*	33	< 20	< 20	**33**	--
	12/14/2006	**160**	31	65	120	*<10*	**60**	**95**	*<10*	**230**	*<10*	*<10*	15	*<30*	37	< 40	< 40	**37**	--
	6/21/2007	**72**	12	28	56	**7.9**	**42**	59	1.1	**240**	1.4	**9.2**	21	< 3	21	6.8	8.5	**36**	--
	12/7/2007	**73**	8.8	25	39	<5.0	**24**	37	*<5.0*	**96**	<5.0	<5	6.2	*<15*	19	<20	<20	19	--
	6/2/2008	**140**	22	59	81	**15**	**41**	61	*<5.0*	**180**	<5.0	**7.7**	16	*<15*	44	<20	<20	**44**	--
	12/11/2008	**71**	7.5	29	35	**6.5**	**22**	42	< 1	**150**	3.7	5.2	12	< 3	21	8	12	**41**	--
	4/28/2009	**69**	5.7	31	31	1.1	**11**	19	< 1	**38**	<1	<1	<1	< 3	21	8.2	12	**41**	--
	6/13/2010	**62**	<10	31	20	*<10*	**16**	27	*<10*	**55**	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	--
	11/9/2011	**52**	18	23	54	**14**	**40**	**190**	*<10*	**410**	*<10*	**13**	28	*<30*	<20	<40	<40	*<100*	--
	6/27/2012	**46**	34	26	89	*<10*	**34**	**310**	*<10*	**440**	*<10*	**14**	<10	*<30*	<20	<40	<40	*<100*	--
	6/20/2013	**50**	49	21	72	*<10*	**42**	**670**	*<10*	**580**	*<10*	**19**	13	*<30*	<20	<40	<40	*<100*	--
	6/25/2014	**57.7**	49.9 J	20.3 J	70.1 J	*<14.0*	**38.8 J**	**792**	*<14.0*	**569**	*<13.0*	**17.8 J**	<15.5	**34.7 J**	<0.0708	<0.107	<0.0834	<0.261	6.87
	4/15/2015	**43**	30	17	44	<1.0	**18**	**850**	*< 3*	**530**	<1.0	**13**	<1.0	<2.5	<15	<15	<15	<45	--
	4/13/2016	**48**	17	14	32	<5.0	**16**	**580**	*<5.0*	**380**	<5.0	**8.2**	6.7	*<15*	<10	<10	<10	<30	< 2.5
	4/27/2017	**50**	7.5	16	17	**6.0**	**14**	**220**	*<5.0*	**240**	<5.0	6.2	<5.0	*<15*	14	<20	<20	14	--
	4/25/2018	**57**	17	21	47	<5.0	**18**	**480**	--	**440**	<5.0	**13**	<5.0	*<15*	17	<5.0	<5.0	17	< 2.5
	7/2/2018	**55**	13	16	35	<5.0	**16**	**440**	*<5.0*	**430**	<5.0	**13**	5.3	*<15*	14	<20	<50	14	< 5.0
	3/21/2019	**46**	12	17	27	**7.2**	**14**	**390**	<2.0	**320**	<2.0	**7.2**	<2.0	*<6.0*	14	<8.0	<8.0	14	< 2.5
	6/28/2019	3.6	<2.0	2.5	11	<2.0	2.6	32	<2.0	**28**	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**7,000**
	9/17/2019	**26**	2.3	6.9	6.0	<2.0	**18**	**390**	<2.0	**400**	<2.0	**11**	<2.0	*<6.0*	5.3	<8.0	<8.0	5.3	**4,400**
	12/5/2019	**19**	<2.0	8.7	<3.0	<2.0	**6.4**	**74**	<2.0	**73**	<2.0	2.3	<2.0	*<6.0*	8.1	<2.0	<2.0	8.1	**7,900**
	3/25/2020	**30**	<10	17	<15	< 4	**16**	**200**	<2.0	**210**	<2.0	5.8	3.5	*<6.0*	15	<8.0	<8.0	15	**2,400**
	6/2/2020	**23**	2.4	16	<3.0	4.3	**17**	**260**	<2.0	**280**	<2.0	6.0	<2.0	*<6.0*	15	<8.0	<8.0	15	**1,400**
	9/22/2020	**20**	<5.0	19	<7.5	<5.0	**13**	**190**	<5.0	**200**	<5.0	**7.0**	<5.0	*<15*	15	<20	<20	15	**1,200**
	12/14/2020	**20**	<2.0	14	<3.0	<2.0	**7.3**	**78**	<2.0	**70**	<2.0	2.2	<2.0	*<6.0*	17	<8.0	<8.0	17	**720**
	3/11/2021	**19**	<2.0	9.6	<3.0	3.9	**11**	**120**	<2.0	**150**	<2.0	3.1	5.0	*<6.0*	16	<8.0	8.4	16	**630**
	10/5/2021	**24**	4.5	12	<3.0	**5.2**	**16**	**370**	<2.0	**360**	<2.0	**9.1**	5.8	*<6.0*	12	<8.0	8.4	16	100
	3/15/2022	**33**	7.0	17	4.0	**5.5**	**12**	**420**	<2.0	**360**	<2.0	**8.3**	5.0	*<6.0*	14	<8.0	<8.0	14	54
	10/11/2022	**37**	6.5	15	3.6	**9.7**	**13**	**540**	<2.0	**490**	<2.0	**9.7**	9.3	*<6.0*	15	<8.0	<8.0	15	25
SVE-1	4/16/2015	**17**	<1.0	350	34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/15/2016	**11**	<1.0	150	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	3.5	<4.0	4.1	7.6	9.8

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
SVE-1	5/2/2017	**19**	<1.0	350	28	--	--	--	**<5.0**	<1.0	<1.0	--	<1.0	<3.0	<10	<20	<20	<30	--
	4/26/2018	**17**	<2.0	250	14	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**<6.0**	7.5	<8.0	<8.0	7.5	0.88
	7/2/2018	**24**	<1.0	340	19	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**<6.0**	8.1	<8.0	8.7	16.8	< 5.0
	3/20/2019	**13**	<1.0	230	8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	4.8	5.3	6.8	16.9	5.7
	3/25/2020	**6.8**	<5	33	<7.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<20	<20	<30	17
	3/11/2021	**7.8**	<1.0	4.7	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	26
	10/5/2021	2.3	<1.0	1.1	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	43
	3/15/2022	3.0	<1.0	<1.0	<1.5	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	25
	10/12/2022	2.1	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	21
SVE-2	7/28/2012	**540**	<10	82	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	**770**	<20	110	<40	--	--	--	--	--	--	--	--	--	--	--	--	< 14	--
	6/21/2013 (DUP)	**790**	<20	110	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	**523**	<10.5	56.2	<40	*<14.0*	*<8.00*	<12.5	*<14.0*	<16.5	*<13.0*	*<17.5*	<15.5	**37.3 J**	<0.0708	<0.107	<0.0834	<0.261	150
SVE-5	6/25/2014	Not Sampled Due to Presence of LNAPL																	
	4/15/2016	**1,600**	27	100	**640**	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	30	<40	<40	**30**	< 2.5
	4/25/2017	**1,400**	<10	140	**810**	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	40	<40	<40	**40**	< 2.5
	10/9/2017	**700**	8.8	67	270	--	--	--	**<10**	--	--	--	<10	*<30*	33	<20	<20	**33**	**5,700**
	2/1/2018	**250**	20	130	550	<5.0	<5.0	<5.0	**<5.0**	<5.0	<5.0	<5.0	<5.0	*<15*	58	39	56	**153**	250
	4/25/2018	**950**	24	260	**1,100**	*<20*	*<20*	<20	**<20**	<20	*<20*	*<20*	<20	*<60*	180	140	220	**540**	36
	11/14/2018	**670**	<10	79	270	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	38	<40	41	**79**	--
	3/20/2019	**840**	<10	140	520	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	38	<40	<40	**38**	6.0
	6/28/2019	**520**	<10	74	300	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	32	<40	<40	**32**	**8,900**
	9/17/2019	**550**	<10	78	320	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	23	<40	<40	23	**6,700**
	12/5/2019	**1,200**	<20	<20	**900**	*<20*	*<20*	<20	**<20**	<20	*<20*	*<20*	<20	*<60*	70	<80	80	**150**	**4,100**
	3/25/2020	**710**	<20	69	360	*<20*	*<20*	<20	**<20**	<20	*<20*	*<20*	<20	*<60*	70	<80	80	**150**	**2,600**
	6/2/2020	**430**	<10	58	300	*<10*	*<10*	<10	<10	<10	<5.0	*<10*	<10	*<30*	29	<40	<40	29	**1,700**
	9/22/2020	**470**	7.4	63	190	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	25	<20	21	**46**	**660**
	12/14/2020	**950**	7.7	120	450	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	20	<20	20	**40**	**18,000**
	3/11/2021	**400**	<5.0	62	240	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	24	<20	24	**48**	**15,000**
	10/5/2021	**360**	8.9	76	300	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	42	36	62	**140**	**9,400**
	3/16/2022	**620**	15	62	260	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	23	<20	20	**43**	**6,200**
	10/11/2022	**720**	29	110	500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	*<100*	*<200*	*<200*	*<200*	**2,800**
SVE-6	6/26/2012	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/16/2015	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/15/2016	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	360
SVE-7	4/15/2016	**28**	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	580
	4/25/2017	**15**	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**680**
	4/26/2018	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	530
	3/20/2019	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**820**
	3/25/2020	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**680**
	3/11/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**870**

Table 3

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WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
SVE-7	10/5/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**740**
	3/16/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**750**
	10/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**710**
SVE-8	6/26/2012	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/15/2016	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	**950**
	4/25/2017	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**990**
	10/9/2017	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--	--	<2.0	<4.0	<4.0	<10	**1,200**
	4/25/2018	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,500**
	11/14/2018	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,100**
	3/20/2019	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**900**
	3/25/2020	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**860**
	3/11/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**920**
	10/5/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**870**
	3/16/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**890**
	10/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**650**
SVE-9	6/26/2012	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/15/2016	1.4	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	250
	4/26/2017	**17**	4	<1.0	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	--
	7/2/2018	1.5	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,000**
	3/20/2019	**23**	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,100**
	3/25/2020	**28**	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,000**
	12/14/2020	**12**	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**850**
	3/11/2021	**12**	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**860**
	10/5/2021	4.0	<1.0	<1.0	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	400
	3/16/2022	**56**	<2.0	<2.0	5.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<4.0	<8.0	<8.0	<20	**830**
	10/12/2022	2.4	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<4.0	<8.0	<8.0	<20	460
SVE-10	6/26/2012	**1,200**	<20	100	390	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	**1,700**	<20	230	**1,100**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	**1,800**	<10.5	85.3	594	*<14.0*	*<8.00*	<12.5	*<14.0*	<16.5	**42.4 J**	*<17.5*	<15.5	**42.6 J**	<0.0708	<0.107	<0.0834	<0.261	6.65
	6/25/2014	**2,000**	<10.5	91.7	**636**	*<14.0*	*<8.00*	<12.5	*<14.0*	<16.5	**49.6 J**	*<17.5*	<15.5	**24.2 J**	<0.0708	<0.107	<0.0834	<0.261	< 0.655
	4/16/2015	**1,400**	<1.0	100	470	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<2.5	--	--	--	--	--
	4/15/2016	**1,400**	<10	92	300	*<10*	*<10*	<10	*<10*	<10	<10	*<10*	<10	*<30*	<20	<40	<40	<100	< 2.5
	4/15/2016 (DUP)	**1,500**	<10	98	310	*<10*	*<10*	<10	*<10*	<10	<10	*<10*	<10	*<30*	<20	<40	<40	<100	--
	5/2/2017	**1,300**	<10	94	360	--	--	--	*<10*	<10	<10	**--**	<10	--	14	13	15	**42**	--
SVE-11	6/25/2014	Not Sampled Due to Presence of LNAPL																	
SVE-12	6/25/2014	Not Sampled Due to Presence of LNAPL																	
	4/15/2016	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	**760**
	4/25/2017	**430**	1.1	60	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	7.0	<4.0	7.0	**--**
	4/25/2018	**2,100**	<10	210	270	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	**30**	<40	<40	**30**	**8,400**
	11/14/2018	**2,100**	<10	140	200	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	200
	3/20/2019	**2,500**	<10	180	270	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	200

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
SVE-12	6/28/2019	**2,200**	<10	140	180	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**5,700**
	9/17/2019	**2,300**	<10	170	190	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**1,400**
	12/5/2019	**1,900**	<10	210	170	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**5,800**
	3/25/2020	**2,600**	<10	260	220	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**1,900**
	6/2/2020	**2,600**	<20	290	190	*<20*	*<20*	<20	*<20*	<20	*<10*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**2,600**
	9/22/2020	**2,200**	<20	260	<20	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**340**
	12/14/2020	**3,000**	<20	210	120	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**10,000**
	3/11/2021	**2,900**	<20	250	170	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**4,900**
	10/5/2021	**3,400**	<20	270	210	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**1,000**
	3/16/2022	**3,700**	<20	280	130	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**880**
	10/11/2022	**2,800**	<10	260	75	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	280
SVE-13	5/24/2004	**620**	21	73	230	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/9/2004	**920**	<20	150	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2005	**800**	4.8	120	160	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/2005	**590**	9.5	110	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/2006	**640**	<10	120	67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2006	**540**	12	110	72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2007	**710**	<10	160	76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2007	**580**	7.5	160	79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30/2008	**280**	2.8	33	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2008	**510**	<10	97	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/27/2009	**610**	<10	110	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2010	**630**	<10	100	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/10/2011	**510**	<20	92	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/2012	**930**	<20	140	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	**720**	<20	83	45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	Not Sampled Due to Presence of LNAPL																	
	4/15/2016	**430**	<5.0	37	13	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	400
	4/25/2017	**3,300**	<2.0	290	**630**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	54	25	36	**115**	--
	2/1/2018	**450**	<10	80	<15	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**700**
	4/25/2018	**430**	<5.0	61	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	430
	11/14/2018	**400**	<2.0	45	7.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	510
	3/20/2019	**380**	<2.0	31	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**640**
	6/28/2019	**400**	<2.0	43	7.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**700**
	9/17/2019	**440**	<2.0	38	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**610**
	3/25/2020	**470**	<5.0	16	<7.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	470
	6/2/2020	**490**	<5.0	10	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	<30	470
	9/22/2020	**470**	<5.0	<5.0	9.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	<30	500
	12/14/2020	**460**	<2.0	6.7	12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**700**
	3/11/2021	**460**	<2.0	2.8	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	560
	10/5/2021	**460**	<2.0	<2.0	5.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**600**

Table 3

Cumulative Summary of Groundwater Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

< 0.0	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
SVE-13	3/16/2022	**540**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	560
	10/11/2022	**470**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	420
	10/11/2022 (DUP)	**450**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	430
SVE-14	5/24/2004	**260**	340	260	**1,800**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/10/2011	**650**	86	**760**	**5,700**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/2012	**950**	<20	360	**2,400**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	**990**	49	390	**2,500**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	Not Sampled Due to Presence of LNAPL																	
	4/15/2016	**37**	<10	34	160	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	91
	4/25/2017	**210**	1.3	73	260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	7.1	6.5	4.2	17.8	50
	2/1/2018	**83**	<1.0	39	110	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	5.3	9.1	4.3	18.7	160
	4/25/2018	**51**	<5.0	31	55	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	180
	3/20/2019	**29**	<2.5	25	42	<2.5	<2.5	<2.5	*<2.5*	<2.5	<2.5	<2.5	<2.5	*<7.5*	<5.0	<10	<10	<25	330
	3/25/2020	**17**	<5.0	22	23	<2.5	<2.5	<2.5	*<2.5*	<2.5	<2.5	<2.5	<2.5	*<7.5*	<5.0	<10	<10	<25	450
	9/22/2020	**17**	<5.0	17	9.2	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	510
	12/14/2020	**77**	<2.0	29	25.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	400
	3/11/2021	**27**	<2.0	19	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	550
	10/5/2021	**26**	<1/0	1.2	4.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	580
	3/16/2022	**34**	<5.0	13	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	**630**
	10/11/2022	**23**	<5.0	10	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	**720**

Notes:
1) Analytical results are presented in micrograms per liter (µg/L), except sulfate which is presented in milligrams per liter (mg/L).
2) ne - not established
3) DCA - Dichloroethane, DCE - Dichloroethene, PCE - Tetrachloroethene, TCE - Trichloroethene
4) * = Naphthalene data by VOC method 8260 not included in 2015 data
5) Total Naphthalenes = Naphthalene + 1-Methylnaphthalene + 2-Methylnaphthalene
6) < - Analyte was not detected at or above the laboratory reported detection limit.
7) -- = not analyzed or analyte reported below laboratory detection limit.
8) J = Concentration is less than the quantitation limit and is an estimated value.
9) Bolded/shaded results exceed the respective NMWQCC standard.
10) Italicized results indicate the laboratory reported detection limit was higher than the NMWQCC standard.
11) Analytical data from 2004 to 2015 was supplied by Apex TITAN, Inc.
12) For full list of VOC analytical data, refer to Appendix A.

Table 4

Cummulative Summary of Groundwater Analytical Data for ISEB Monitoring Wells
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
MW-5	3/21/2019	**13**	1.4	3.7	4.7	<1.0	**20**	28	<1.0	**84**	1.0	1.2	<1.0	<3.0	4.6	<4.0	<4.0	4.6	< 2.5
	6/28/2019	**16**	2.6	5.4	8.8	<2.0	**20**	27	<2.0	**100**	<2.0	<2.0	<2.0	*<6.0*	7.0	<8.0	<8.0	7.0	< 5.0
	9/17/2019	**15**	2.4	5.9	8.9	<2.0	**25**	32	<2.0	**110**	<2.0	<2.0	<2.0	*<6.0*	8.3	<8.0	<8.0	8.3	< 5.0
	12/5/2019	**12**	<2.0	4.2	7.1	<2.0	**17**	21	<2.0	**79**	<2.0	<2.0	<2.0	*<6.0*	6.8	<8.0	<8.0	6.8	< 5.0
	3/24/2020	**16**	2.2	5.4	8.3	<2.0	**21**	27	<2.0	**110**	<2.0	<2.0	<2.0	*<6.0*	7.8	<8.0	<8.0	7.8	< 5.0
	6/2/2020	**16**	2.7	6.8	10.0	<1.0	**21**	30	<1.0	**110**	1.2	1.2	<1.0	<3.0	9.4	<4.0	<4.0	9.4	< 5.0
	9/22/2020	**13**	2.3	5.8	8.2	<1.0	**22**	27	<1.0	**110**	<1.0	1.7	<1.0	<3.0	8.0	<4.0	<4.0	8.0	3.2
	12/14/2020	**15**	2.2	5.4	6.0	<1.0	**21**	32	<1.0	**97**	<1.0	1.7	<1.0	<3.0	7.6	<4.0	<4.0	7.6	1.8
	3/10/2021	**15**	2.6	6.3	8.7	<1.0	**23**	37	1.1	**82**	<1.0	1.5	<1.0	<3.0	9.6	<4.0	4.8	14.4	< 2.5
	10/5/2021	**5.7**	<1.0	2.1	3.2	1.1	**25**	17	<1.0	**130**	<1.0	1.9	1.1	<3.0	3.5	<4.0	<4.0	3.5	7.5
	3/15/2022	4.4	<1.0	2.0	2.3	<1.0	**17**	17	<1.0	**92**	<1.0	1.1	<1.0	<3.0	2.5	<4.0	<4.0	2.5	7.0
	10/11/2022	**13**	1.9	5.2	7.3	1.2	**24**	9.6	<1.0	**140**	<1.0	1.3	<1.0	<3.0	8.6	<4.0	<4.0	8.6	<5.0
MW-8	4/24/2018	2.9	< 1.0	< 1.0	< 1.5	<1.0	**28**	69	<1.0	**63**	1.1	2.6	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	96
	7/2/2018	3.0	< 1.0	< 1.0	< 1.5	<1.0	**25**	69	<1.0	**61**	<1.0	2.6	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	96
	11/14/2018	4.2	< 1.0	< 1.0	< 1.5	<1.0	**18**	43	<1.0	**40**	<1.0	1.6	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	150
	3/21/2019	1.5	< 1.0	< 1.0	< 1.5	<1.0	**15**	34	<1.0	**32**	<1.0	1.1	<1.0	<3.0	< 2.0	< 4.0	< 4.0	<10	150
	12/5/2019	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	< 2.0	<2.0	<2.0	<2.0	<2.0	**<6.0**	< 4.0	<8.0	<8.0	<20	**30,000**
	3/24/2020	2.5	< 1.0	< 1.0	< 1.5	<2.0	<2.0	<2.0	< 2.0	<2.0	<2.0	<2.0	<2.0	**<6.0**	< 4.0	<8.0	<8.0	<20	**3,100**
	6/2/2020	2.5	<1.0	<1.0	<1.5	<1.0	**20**	54	<1.0	**46**	<1.0	1.8	<1.0	<3.0	<2.0	<4.0	<4.0	<10	**1,100**
	9/22/2020	2.2	<1.0	<1.0	<1.5	<1.0	**17**	51	<1.0	**43**	<1.0	2.0	<1.0	<3.0	<2.0	<4.0	<4.0	<10	340
	12/14/2020	2.8	<1.0	<1.0	<1.5	<1.0	**19**	61	<1.0	**38**	<1.0	1.6	<1.0	<3.0	<2.0	<4.0	<4.0	<10	290
	3/10/2021	3.1	<1.0	<1.0	<1.5	<1.0	**22**	68	1.0	**44**	<1.0	1.6	<1.0	<3.0	<2.0	<4.0	<4.0	<10	270
	10/5/2021	3.1	<1.0	<1.0	<1.5	<1.0	**22**	73	1.0	**50**	<1.0	2.1	<1.0	<3.0	<2.0	<4.0	<4.0	<10	150
	3/15/2022	2.6	<1.0	<1.0	<1.5	<1.0	**17**	62	<1.0	**43**	<1.0	1.4	<1.0	<3.0	<2.0	<4.0	<4.0	<10	130
	10/11/2022	3.0	<1.0	<1.0	<1.5	<1.0	**23**	**81**	<1.0	**62**	<1.0	1.5	<1.0	<3.0	<2.0	<4.0	<4.0	<10	110
MW-10	4/25/2017	**5,550**	10	490	**2,400**	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	190	280	360	**830**	13
	10/9/2017	**5,200**	<1.0	330	**2,100**	--	--	--	*<10*	<10	*<10*	--	<10	*<30*	<30	<30	<30	*<90*	**640**
	2/1/2018	**5,900**	23	390	**2,000**	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	51	30	34	**116**	**900**
	4/26/2018	**5,500**	<20	340	**1,900**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**26,000**
	11/14/2018	**5,100**	<20	340	**2,300**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	72
	3/20/2019	**6,300**	<20	450	**2,900**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	44	<80	<80	**44**	< 2.5
	6/28/2019	**4,900**	<20	290	**1,900**	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	44	<80	<80	**44**	38
	9/17/2019	Well Obstructed																	
	12/5/2019	Not Sampled Due to Presence of LNAPL																	
	3/25/2020	**5,800**	<20	370	**2,400**	*<20*	*<20*	<20	*<20*	<20	*<10*	*<20*	<20	*<60*	45	<80	<80	**45**	54
	6/22/2020	**6,200**	<20	370	**2,400**	*<20*	*<20*	<20	*<20*	<20	*<10*	*<20*	<20	*<60*	41	<80	<80	**41**	15
	9/22/2020	Not sampled due to presence of LNAPL																	
	12/14/2020																		
	3/11/2021																		
	10/5/2021																		
	3/15/2022																		
	10/11/2022																		
SVE-1A	3/21/2019	**46**	12	17	27	**7.2**	**14**	**390**	<2.0	**320**	<2.0	**7.2**	<2.0	*<6.0*	14	<8.0	<8.0	14	< 2.5
	6/28/2019	3.6	<2.0	2.5	11	<2.0	2.6	32	<2.0	**28**	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**7,000**
	9/17/2019	**26**	2.3	6.9	6.0	<2.0	**18**	**390**	<2.0	**400**	<2.0	**11**	<2.0	*<6.0*	5.3	<8.0	<8.0	5.3	**4,400**
	12/5/2019	**19**	<2.0	8.7	<3.0	<2.0	**6.4**	**74**	<2.0	**73**	<2.0	2.3	<2.0	*<6.0*	8.1	<2.0	<2.0	8.1	**7,900**
	3/25/2020	**30**	<10	17	<15	< 4	**16**	**200**	<2.0	**210**	<2.0	5.8	3.5	*<6.0*	15	<8.0	<8.0	15	**2,400**
	6/2/2020	**23**	2.4	16	<3.0	4.3	**17**	**260**	<2.0	**280**	<2.0	6.0	<2.0	*<6.0*	15	<8.0	<8.0	15	**1,400**
	9/22/2020	**20**	<5.0	19	<7.5	<5.0	**13**	**190**	<5.0	**200**	<5.0	**7.0**	<5.0	*<15*	15	<20	<20	15	**1,200**
	12/14/2020	**20**	<2.0	14	<3.0	<2.0	**7.3**	**78**	<2.0	**70**	<2.0	2.2	<2.0	*<6.0*	17	<8.0	<8.0	17	**720**
	3/11/2021	**19**	<2.0	9.6	<3.0	3.9	**11**	**120**	<2.0	**150**	<2.0	3.1	5.0	*<6.0*	16	<8.0	8.4	16	**630**
	10/5/2021	**24**	4.5	12	<3.0	**5.2**	**16**	**370**	<2.0	**360**	<2.0	**9.1**	5.8	*<6.0*	12	<8.0	8.4	16	100
	3/15/2022	**33**	7.0	17	4.0	**5.5**	**12**	**420**	<2.0	**360**	<2.0	**8.3**	5.0	*<6.0*	14	<8.0	<8.0	14	54
	10/11/2022	**37**	6.5	15	3.6	**9.7**	**13**	**540**	<2.0	**490**	<2.0	**9.7**	9.3	*<6.0*	15	<8.0	<8.0	15	25

Table 4

Cummulative Summary of Groundwater Analytical Data for ISEB Monitoring Wells
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
SVE-5	4/15/2016	**1,600**	27	100	**640**	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	30	<40	<40	**30**	< 2.5
	4/25/2017	**1,400**	<10	140	**810**	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	40	<40	<40	**40**	< 2.5
	10/9/2017	**700**	8.8	67	270	--	--	--	**<10**	--	--	--	<10	*<30*	33	<20	<20	**33**	**5,700**
	2/1/2018	**250**	20	130	550	<5.0	<5.0	<5.0	**<5.0**	<5.0	<5.0	<5.0	<5.0	*<15*	58	39	56	**153**	250
	4/25/2018	**950**	24	260	**1,100**	*<20*	*<20*	<20	**<20**	<20	*<20*	*<20*	<20	*<60*	180	140	220	**540**	36
	11/14/2018	**670**	<10	79	270	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	38	<40	41	**79**	--
	3/20/2019	**840**	<10	140	520	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	38	<40	<40	**38**	6.0
	6/28/2019	**520**	<10	74	300	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	32	<40	<40	**32**	**8,900**
	9/17/2019	**550**	<10	78	320	*<10*	*<10*	<10	**<10**	<10	*<10*	*<10*	<10	*<30*	23	<40	<40	23	**6,700**
	12/5/2019	**1,200**	<20	<20	**900**	*<20*	*<20*	<20	**<20**	<20	*<20*	*<20*	<20	*<60*	70	<80	80	**150**	**4,100**
	3/25/2020	**710**	<20	69	360	*<20*	*<20*	<20	**<20**	<20	*<20*	*<20*	<20	*<60*	70	<80	80	**150**	**2,600**
	6/2/2020	**430**	<10	58	300	*<10*	*<10*	<10	<10	<10	<5.0	*<10*	<10	*<30*	29	<40	<40	29	**1,700**
	9/22/2020	**470**	7.4	63	190	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	25	<20	21	**46**	**660**
	12/14/2020	**950**	7.7	120	450	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	20	<20	20	**40**	**18,000**
	3/11/2021	**400**	<5.0	62	240	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	24	<20	24	**48**	**15,000**
	10/5/2021	**360**	8.9	76	300	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	42	36	62	**140**	**9,400**
	3/16/2022	**620**	15	62	260	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	23	<20	20	**43**	**6,200**
	10/11/2022	**720**	29	110	500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	*<100*	*<200*	*<200*	*<200*	**2,800**
SVE-12	4/15/2016	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10	<10	<10	<30	**760**
	4/25/2017	**430**	1.1	60	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<2.0	7.0	<4.0	7.0	--
	4/25/2018	**2,100**	<10	210	270	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	30	<40	<40	**30**	**8,400**
	11/14/2018	**2,100**	<10	140	200	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	200
	3/20/2019	**2,500**	<10	180	270	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	200
	6/28/2019	**2,200**	<10	140	180	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**5,700**
	9/17/2019	**2,300**	<10	170	190	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**1,400**
	12/5/2019	**1,900**	<10	210	170	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**5,800**
	3/25/2020	**2,600**	<10	260	220	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**1,900**
	6/2/2020	**2,600**	<20	290	190	*<20*	*<20*	<20	*<20*	<20	*<10*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**2,600**
	9/22/2020	**2,200**	<20	260	<20	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**340**
	12/14/2020	**3,000**	<20	210	120	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**10,000**
	3/11/2021	**2,900**	<20	250	170	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**4,900**
	10/5/2021	**3,400**	<20	270	210	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**1,000**
	3/16/2022	**3,700**	<20	280	130	*<20*	*<20*	<20	*<20*	<20	*<20*	*<20*	<20	*<60*	<40	<80	<80	*<200*	**880**
	10/11/2022	**2,800**	<10	260	75	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	280
SVE-13	4/15/2016	**430**	<5.0	37	13	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	400
	4/25/2017	**3,300**	<2.0	290	**630**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	54	25	36	**115**	--
	2/1/2018	**450**	<10	80	<15	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	**700**
	4/25/2018	**430**	<5.0	61	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	430
	11/14/2018	**400**	<2.0	45	7.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	510
	3/20/2019	**380**	<2.0	31	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**640**
	6/28/2019	**400**	<2.0	43	7.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**700**
	9/17/2019	**440**	<2.0	38	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**610**
	3/25/2020	**470**	<5.0	16	<7.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	470
	6/2/2020	**490**	<5.0	10	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	<30	470
	9/22/2020	**470**	<5.0	<5.0	9.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	<30	500
	12/14/2020	**460**	<2.0	6.7	12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**700**
	3/11/2021	**460**	<2.0	2.8	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	560
	10/5/2021	**460**	<2.0	<2.0	5.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	**600**
	3/16/2022	**540**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	560
	10/11/2022	**470**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	420
	0/10/2022 (DUP	**450**	<5.0	<5.0	<7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	430
SVE-14	4/15/2016	**37**	<10	34	160	*<10*	*<10*	<10	*<10*	<10	*<10*	*<10*	<10	*<30*	<20	<40	<40	*<100*	91
	4/25/2017	**210**	1.3	73	260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	7.1	6.5	4.2	17.8	50
	2/1/2018	**83**	<1.0	39	110	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	5.3	9.1	4.3	18.7	160
	4/25/2018	**51**	<5.0	31	55	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	180

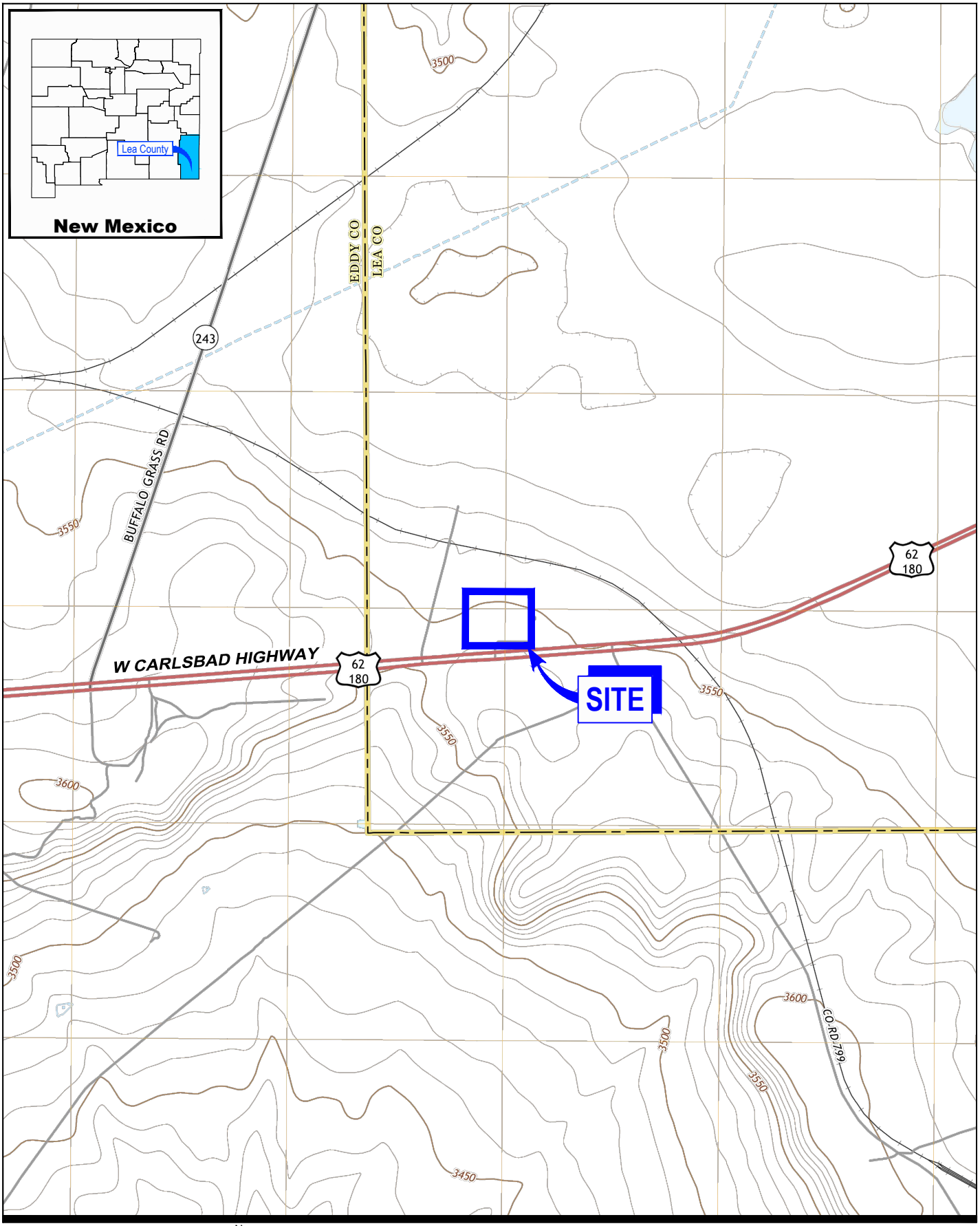
Table 4

Cummulative Summary of Groundwater Analytical Data for ISEB Monitoring Wells
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	PCE	TCE	cis-1,2-DCE	Vinyl chloride	1,1-DCA	1,2-DCA (EDC)	1,1-DCE	1,1,1-Trichloroethane	Methylene chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality		**5**	**1,000**	**700**	**620**	**5**	**5**	**70**	**2**	**25**	**5**	**7**	**200**	**5**	**ne**	**ne**	**ne**	**30**	**600**
SVE-14	3/20/2019	**29**	<2.5	25	42	<2.5	<2.5	<2.5	*<2.5*	<2.5	<2.5	<2.5	<2.5	*<7.5*	<5.0	<10	<10	<25	330
	3/25/2020	**17**	<5.0	22	23	<2.5	<2.5	<2.5	*<2.5*	<2.5	<2.5	<2.5	<2.5	*<7.5*	<5.0	<10	<10	<25	450
	9/22/2020	**17**	<5.0	17	9.2	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	510
	12/14/2020	**77**	<2.0	29	25.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	400
	3/11/2021	**27**	<2.0	19	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	550
	10/5/2021	**26**	<1/0	1.2	4.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	*<6.0*	<4.0	<8.0	<8.0	<20	580
	3/16/2022	**34**	<5.0	13	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	**630**
	10/10/2022	**23**	<5.0	10	<7.5	<5.0	<5.0	<5.0	*<5.0*	<5.0	<5.0	<5.0	<5.0	*<15*	<10	<20	<20	*<50*	**720**

Notes:
1) Analytical results are presented in micrograms per liter (µg/L), except sulfate which is presented in milligrams per liter (mg/L).
2) ne - not established
3) DCA - Dichloroethane, DCE - Dichloroethene, PCE - Tetrachloroethene, TCE - Trichloroethene
4) * = Naphthalene data by VOC method 8260 not included in 2015 data
5) Total Naphthalenes = Naphthalene + 1-Methylnaphthalene + 2-Methylnaphthalene
6) < - Analyte was not detected at or above the laboratory reported detection limit.
7) -- = not analyzed or analyte reported below laboratory detection limit.
8) Bolded/shaded results exceed the respective NMWQCC standard.
9) Italicized results indicate the laboratory reported detection limit was higher than the NMWQCC standard.
10) For full list of VOC analytical data, refer to Appendix A.

Figures



0 1000 2000 ft

1" = 2000 ft

Coordinate System:
NAD 1983 State Plane-
New Mexico East (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR STATION

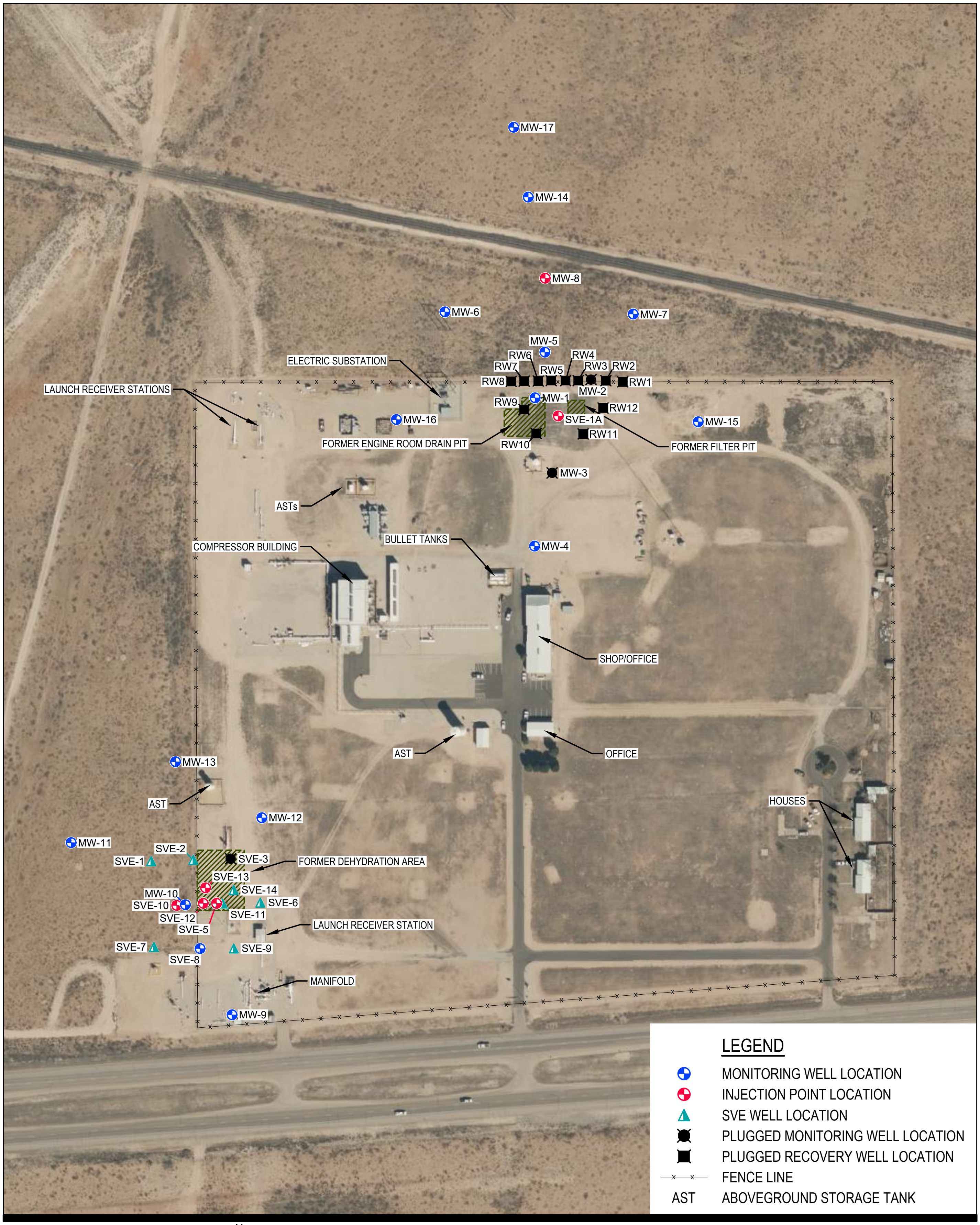
Project No. **12603946**
Date **March 2023**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603946\Digital_Design\ACAD\Figures\RPT001\12603946-GHD-00-00-RPT-EN-D101_DL-001.dwg
Plot Date: 29 March 2023 1:57 PM

Data Source: USGS 7.5 Quadrangle Map - Williams Sink, NM (2020)
Lat/Long: 32.531549° North, 103.807904° West



0 125 250 ft
1" = 250 ft
Coordinate System:
NAD 1983 State Plane-
New Mexico East (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR STATION

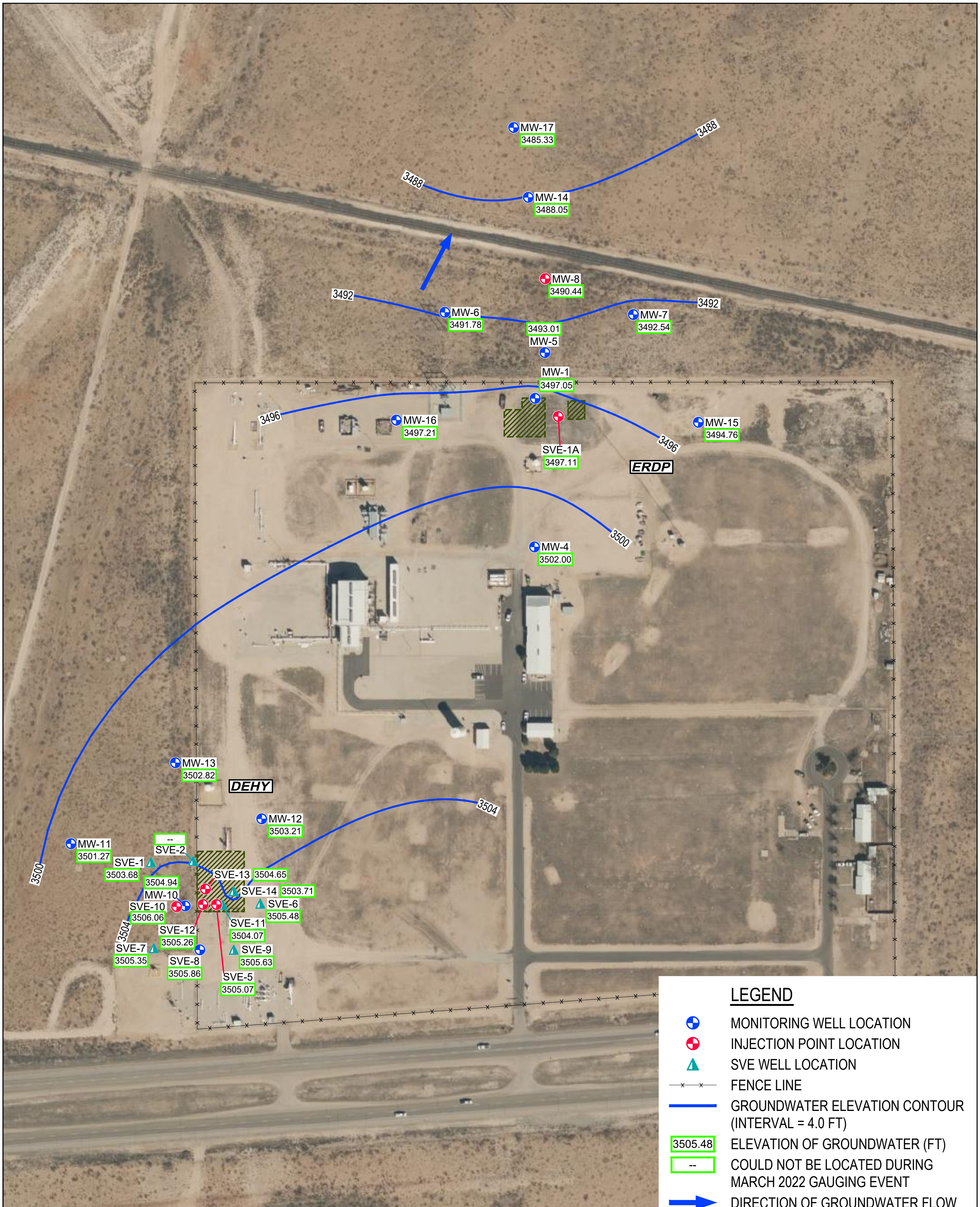
SITE PLAN

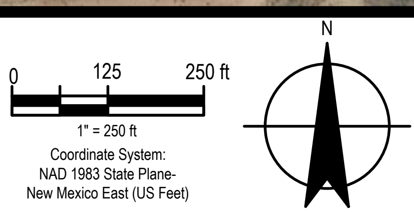
Project No. **12603946**
Date **March 2023**

FIGURE 2

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603946\Digital_Design\ACAD\Figures\RPT001\12603946-GHD-00-00-RPT-EN-D101_DL-001.dwg
Plot Date: 29 March 2023 1:57 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 32.531549° North, 103.807904° West





1" = 250 ft
Coordinate System:
NAD 1983 State Plane-
New Mexico East (US Feet)

TRANSWESTERN PIPELINE COMPANY, LLC
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR STATION

GROUNDWATER POTENTIOMETRIC SURFACE MAP - MARCH 2022

Project No. **12603946**
Date **March 2023**

FIGURE 3

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603946\Digital_Design\ACAD\Figures\RPT001\12603946-GHD-00-00-RPT-EN-D101_DL-001.dwg

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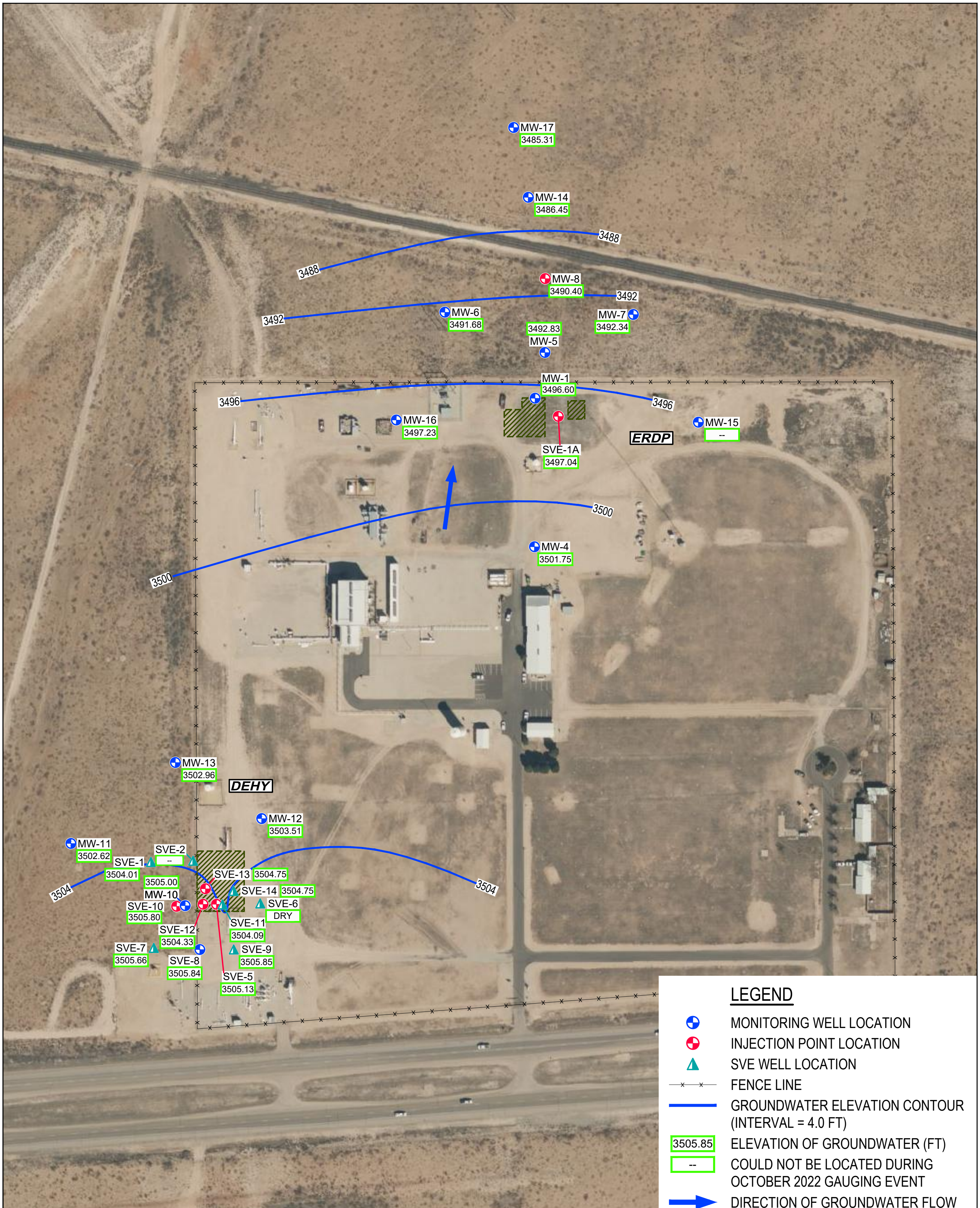

0 125 250 ft
1" = 250 ft
Coordinate System:
NAD 1983 State Plane-
New Mexico East (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR STATION

GROUNDWATER POTENTIOMETRIC SURFACE MAP - OCTOBER 2022

Project No. **12603946**
Date **March 2023**

FIGURE 4

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603946\Digital_Design\ACAD\Figures\RPT001\12603946-GHD-00-00-RPT-EN-D101_DL-001.dwg

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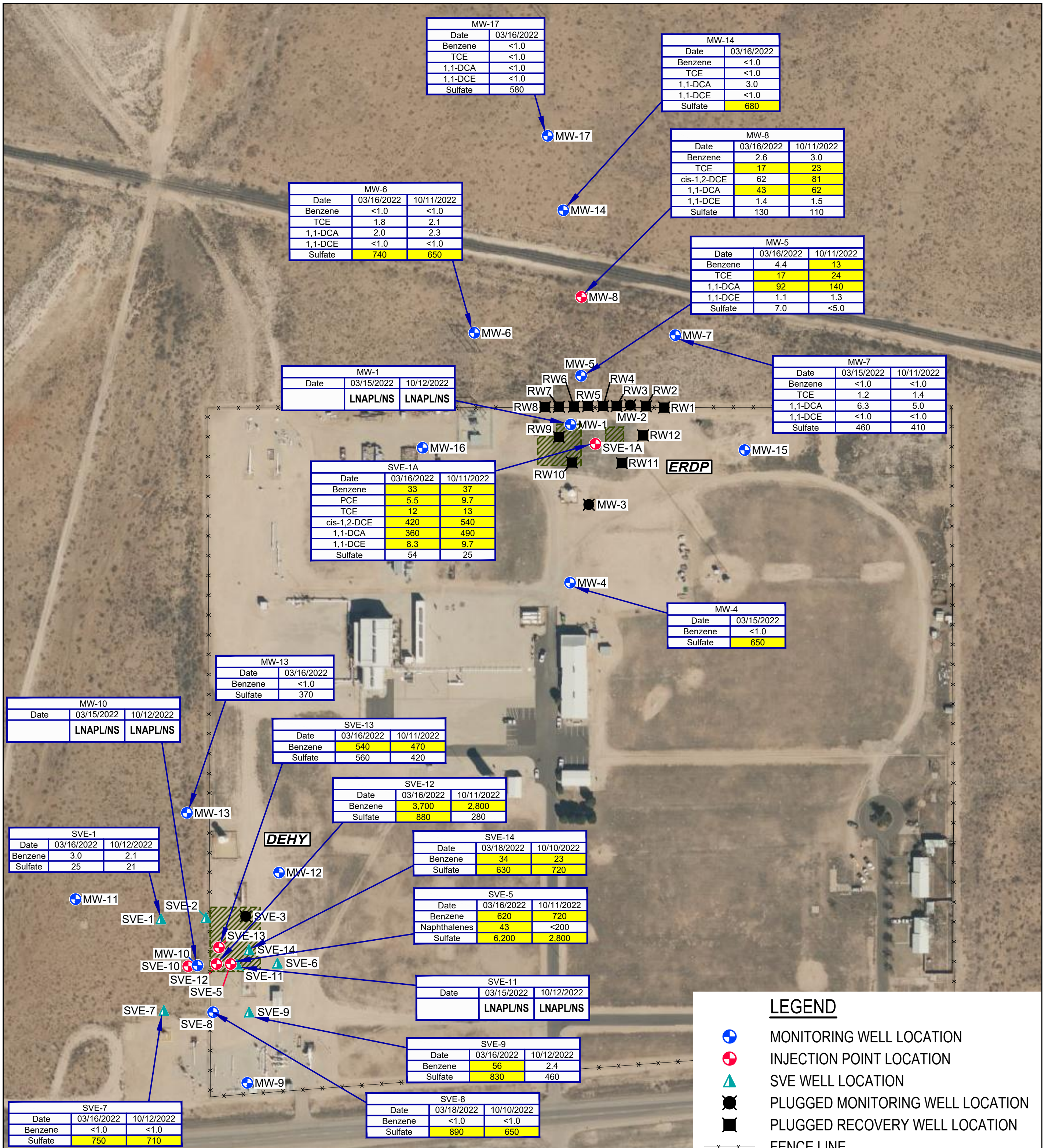
Lat/Long: 32.531549° North, 103.807904° West



MW-17	
Date	03/16/2022
Benzene	<1.0
TCE	<1.0
1,1-DCA	<1.0
1,1-DCE	<1.0
Sulfate	580

MW-14	
Date	03/16/2022
Benzene	<1.0
TCE	<1.0
1,1-DCA	3.0
1,1-DCE	<1.0
Sulfate	680

MW-8		
Date	03/16/2022	10/11/2022
Benzene	2.6	3.0
TCE	17	23
cis-1,2-DCE	62	81
1,1-DCA	43	62
1,1-DCE	1.4	1.5
Sulfate	130	110

MW-6		
Date	03/16/2022	10/11/2022
Benzene	<1.0	<1.0
TCE	1.8	2.1
1,1-DCA	2.0	2.3
1,1-DCE	<1.0	<1.0
Sulfate	740	650

MW-5		
Date	03/16/2022	10/11/2022
Benzene	4.4	13
TCE	17	24
1,1-DCA	92	140
1,1-DCE	1.1	1.3
Sulfate	7.0	<5.0

MW-7		
Date	03/15/2022	10/11/2022
Benzene	<1.0	<1.0
TCE	1.2	1.4
1,1-DCA	6.3	5.0
1,1-DCE	<1.0	<1.0
Sulfate	460	410

MW-1		
Date	03/15/2022	10/12/2022
	LNAPL/NS	LNAPL/NS

SVE-1A		
Date	03/16/2022	10/11/2022
Benzene	33	37
PCE	5.5	9.7
TCE	12	13
cis-1,2-DCE	420	540
1,1-DCA	360	490
1,1-DCE	8.3	9.7
Sulfate	54	25

MW-4	
Date	03/15/2022
Benzene	<1.0
Sulfate	650

MW-13	
Date	03/16/2022
Benzene	<1.0
Sulfate	370

MW-10		
Date	03/15/2022	10/12/2022
	LNAPL/NS	LNAPL/NS

SVE-13		
Date	03/16/2022	10/11/2022
Benzene	540	470
Sulfate	560	420

SVE-12		
Date	03/16/2022	10/11/2022
Benzene	3,700	2,800
Sulfate	880	280

SVE-1		
Date	03/16/2022	10/12/2022
Benzene	3.0	2.1
Sulfate	25	21

SVE-14		
Date	03/18/2022	10/10/2022
Benzene	34	23
Sulfate	630	720

SVE-5		
Date	03/16/2022	10/11/2022
Benzene	620	720
Naphthalenes	43	<200
Sulfate	6,200	2,800

SVE-11		
Date	03/15/2022	10/12/2022
	LNAPL/NS	LNAPL/NS

SVE-9		
Date	03/16/2022	10/12/2022
Benzene	56	2.4
Sulfate	830	460

SVE-8		
Date	03/18/2022	10/10/2022
Benzene	<1.0	<1.0
Sulfate	890	650

SVE-7		
Date	03/16/2022	10/12/2022
Benzene	<1.0	<1.0
Sulfate	750	710

NOTES:

1. ANALYTICAL RESULTS ARE PRESENTED IN MICROGRAMS PER LITER (µg/L), EXCEPT SULFATE WHICH IS PRESENTED IN MILLIGRAMS PER LITER (mg/L).
2. SHADED CELLS INDICATE THE CONCENTRATION EXCEEDS ITS RESPECTIVE NMWQCC STANDARD.

LEGEND

- MONITORING WELL LOCATION
- INJECTION POINT LOCATION
- SVE WELL LOCATION
- PLUGGED MONITORING WELL LOCATION
- PLUGGED RECOVERY WELL LOCATION
- FENCE LINE

PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
DCA	DICHLOROETHANE
DCE	DICHLOROETHENE
NS	NOT SAMPLED
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUIDS

0 125 250 ft
1" = 250 ft
Coordinate System: NAD 1983 State Plane- New Mexico East (US Feet)

N

GHD

TRANSWESTERN PIPELINE COMPANY, LLC
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR STATION

2022 CONSTITUENT OF CONCERN CONCENTRATION MAP

Project No. **12603946**
Date **April 2023**

FIGURE 5

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12603946\Digital_Design\ACAD\Figures\RPT001\12603946-GHD-00-00-RPT-EN-D101_DL-001.dwg

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Appendices

Appendix A

2022 Laboratory Analytical Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

March 30, 2022

Christine Mathews
GHD
6121 Indian School Road, NE #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: WT 1 OrderNo.: 2203928

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 19 sample(s) on 3/17/2022 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-4
Project: WT 1 **Collection Date:** 3/15/2022 12:00:00 PM
Lab ID: 2203928-001 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	650	50	*	mg/L	100	3/17/2022 11:10:35 PM	A86579
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Naphthalene	ND	2.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 7:29:22 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 7:29:22 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 7:29:22 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
cis-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1-Dichloroethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666

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

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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-12574723-031522-CN-MW-4
Project: WT 1
Collection Date: 3/15/2022 12:00:00 PM
Lab ID: 2203928-001 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 7:29:22 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 7:29:22 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 7:29:22 PM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/22/2022 7:29:22 PM	R86666
Surr: 1,2-Dichloroethane-d4	88.2	70-130		%Rec	1	3/22/2022 7:29:22 PM	R86666
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	3/22/2022 7:29:22 PM	R86666
Surr: Dibromofluoromethane	91.6	70-130		%Rec	1	3/22/2022 7:29:22 PM	R86666
Surr: Toluene-d8	105	70-130		%Rec	1	3/22/2022 7:29:22 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-5
Project: WT 1 **Collection Date:** 3/15/2022 1:30:00 PM
Lab ID: 2203928-002 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	7.0	5.0		mg/L	10	3/19/2022 11:47:34 AM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	4.4	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Ethylbenzene	2.0	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2,4-Trimethylbenzene	2.5	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Naphthalene	2.5	2.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 7:57:54 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 7:57:54 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 7:57:54 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
cis-1,2-DCE	17	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1-Dichloroethane	92	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1-Dichloroethene	1.1	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666

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	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 range due to dilution or matrix interference

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-5
Project: WT 1 **Collection Date:** 3/15/2022 1:30:00 PM
Lab ID: 2203928-002 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 7:57:54 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 7:57:54 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Trichloroethene (TCE)	17	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 7:57:54 PM	R86666
Xylenes, Total	2.3	1.5		µg/L	1	3/22/2022 7:57:54 PM	R86666
Surr: 1,2-Dichloroethane-d4	91.2	70-130		%Rec	1	3/22/2022 7:57:54 PM	R86666
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	3/22/2022 7:57:54 PM	R86666
Surr: Dibromofluoromethane	87.5	70-130		%Rec	1	3/22/2022 7:57:54 PM	R86666
Surr: Toluene-d8	102	70-130		%Rec	1	3/22/2022 7:57:54 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-6
Project: WT 1 **Collection Date:** 3/15/2022 3:00:00 PM
Lab ID: 2203928-003 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	740	50	*	mg/L	100	3/19/2022 12:26:12 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Naphthalene	ND	2.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 8:26:30 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 8:26:30 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 8:26:30 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
cis-1,2-DCE	1.2	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1-Dichloroethane	2.0	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666

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

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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-6
Project: WT 1 **Collection Date:** 3/15/2022 3:00:00 PM
Lab ID: 2203928-003 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 8:26:30 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 8:26:30 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Trichloroethene (TCE)	1.8	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 8:26:30 PM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/22/2022 8:26:30 PM	R86666
Surr: 1,2-Dichloroethane-d4	86.9	70-130		%Rec	1	3/22/2022 8:26:30 PM	R86666
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/22/2022 8:26:30 PM	R86666
Surr: Dibromofluoromethane	90.3	70-130		%Rec	1	3/22/2022 8:26:30 PM	R86666
Surr: Toluene-d8	104	70-130		%Rec	1	3/22/2022 8:26:30 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-7
Project: WT 1 **Collection Date:** 3/15/2022 2:00:00 PM
Lab ID: 2203928-004 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	460	5.0	*	mg/L	10	3/19/2022 12:39:05 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Naphthalene	ND	2.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 8:54:55 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 8:54:55 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 8:54:55 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
cis-1,2-DCE	2.8	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1-Dichloroethane	6.3	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-7
Project: WT 1 **Collection Date:** 3/15/2022 2:00:00 PM
Lab ID: 2203928-004 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 8:54:55 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 8:54:55 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Trichloroethene (TCE)	1.2	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 8:54:55 PM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/22/2022 8:54:55 PM	R86666
Surr: 1,2-Dichloroethane-d4	90.9	70-130		%Rec	1	3/22/2022 8:54:55 PM	R86666
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	3/22/2022 8:54:55 PM	R86666
Surr: Dibromofluoromethane	93.4	70-130		%Rec	1	3/22/2022 8:54:55 PM	R86666
Surr: Toluene-d8	97.9	70-130		%Rec	1	3/22/2022 8:54:55 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-8
Project: WT 1 **Collection Date:** 3/15/2022 2:30:00 PM
Lab ID: 2203928-005 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	130	5.0		mg/L	10	3/19/2022 1:30:33 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	2.6	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Naphthalene	ND	2.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 9:23:27 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 9:23:27 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 9:23:27 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
cis-1,2-DCE	62	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1-Dichloroethane	43	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1-Dichloroethene	1.4	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666

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	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 range due to dilution or matrix interference

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-MW-8
Project: WT 1 **Collection Date:** 3/15/2022 2:30:00 PM
Lab ID: 2203928-005 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 9:23:27 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 9:23:27 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Trichloroethene (TCE)	17	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 9:23:27 PM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/22/2022 9:23:27 PM	R86666
Surr: 1,2-Dichloroethane-d4	90.4	70-130		%Rec	1	3/22/2022 9:23:27 PM	R86666
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	3/22/2022 9:23:27 PM	R86666
Surr: Dibromofluoromethane	90.5	70-130		%Rec	1	3/22/2022 9:23:27 PM	R86666
Surr: Toluene-d8	103	70-130		%Rec	1	3/22/2022 9:23:27 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-MW13
Project: WT 1 **Collection Date:** 3/16/2022 2:00:00 PM
Lab ID: 2203928-006 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	370	5.0	*	mg/L	10	3/19/2022 1:56:18 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Naphthalene	ND	2.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 9:51:58 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 9:51:58 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 9:51:58 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
cis-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1-Dichloroethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666

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	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 range due to dilution or matrix interference

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-MW13
Project: WT 1 **Collection Date:** 3/16/2022 2:00:00 PM
Lab ID: 2203928-006 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 9:51:58 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 9:51:58 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 9:51:58 PM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/22/2022 9:51:58 PM	R86666
Surr: 1,2-Dichloroethane-d4	87.4	70-130		%Rec	1	3/22/2022 9:51:58 PM	R86666
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/22/2022 9:51:58 PM	R86666
Surr: Dibromofluoromethane	89.9	70-130		%Rec	1	3/22/2022 9:51:58 PM	R86666
Surr: Toluene-d8	105	70-130		%Rec	1	3/22/2022 9:51:58 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-MW-14
Project: WT 1 **Collection Date:** 3/16/2022 3:00:00 PM
Lab ID: 2203928-007 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	680	50	*	mg/L	100	3/19/2022 2:34:56 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Toluene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Naphthalene	ND	2.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Acetone	ND	10		µg/L	1	3/22/2022 10:20:29 PM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Bromoform	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Bromomethane	ND	3.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
2-Butanone	ND	10		µg/L	1	3/22/2022 10:20:29 PM	R86666
Carbon disulfide	ND	10		µg/L	1	3/22/2022 10:20:29 PM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Chloroethane	ND	2.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Chloroform	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Chloromethane	ND	3.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
cis-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1-Dichloroethane	3.0	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-MW-14
Project: WT 1 **Collection Date:** 3/16/2022 3:00:00 PM
Lab ID: 2203928-007 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
2-Hexanone	ND	10		µg/L	1	3/22/2022 10:20:29 PM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/22/2022 10:20:29 PM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Styrene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/22/2022 10:20:29 PM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/22/2022 10:20:29 PM	R86666
Surr: 1,2-Dichloroethane-d4	91.6	70-130		%Rec	1	3/22/2022 10:20:29 PM	R86666
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/22/2022 10:20:29 PM	R86666
Surr: Dibromofluoromethane	93.1	70-130		%Rec	1	3/22/2022 10:20:29 PM	R86666
Surr: Toluene-d8	102	70-130		%Rec	1	3/22/2022 10:20:29 PM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-MW-17
Project: WT 1 **Collection Date:** 3/16/2022 3:45:00 PM
Lab ID: 2203928-008 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	580	50	*	mg/L	100	3/19/2022 3:00:41 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Toluene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Naphthalene	ND	2.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Acetone	ND	10		µg/L	1	3/23/2022 12:42:47 AM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Bromoform	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Bromomethane	ND	3.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
2-Butanone	ND	10		µg/L	1	3/23/2022 12:42:47 AM	R86666
Carbon disulfide	ND	10		µg/L	1	3/23/2022 12:42:47 AM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Chloroethane	ND	2.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Chloroform	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Chloromethane	ND	3.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-MW-17
Project: WT 1 **Collection Date:** 3/16/2022 3:45:00 PM
Lab ID: 2203928-008 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
2-Hexanone	ND	10		µg/L	1	3/23/2022 12:42:47 AM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2022 12:42:47 AM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Styrene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/23/2022 12:42:47 AM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/23/2022 12:42:47 AM	R86666
Surr: 1,2-Dichloroethane-d4	88.7	70-130		%Rec	1	3/23/2022 12:42:47 AM	R86666
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	3/23/2022 12:42:47 AM	R86666
Surr: Dibromofluoromethane	92.4	70-130		%Rec	1	3/23/2022 12:42:47 AM	R86666
Surr: Toluene-d8	98.9	70-130		%Rec	1	3/23/2022 12:42:47 AM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-SVE-1A
Project: WT 1 **Collection Date:** 3/15/2022 1:00:00 PM
Lab ID: 2203928-009 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	54	5.0		mg/L	10	3/19/2022 3:13:33 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	33	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Toluene	7.0	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Ethylbenzene	17	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Naphthalene	14	4.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
2-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Acetone	ND	20		µg/L	2	3/23/2022 1:39:33 AM	R86666
Bromobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Bromodichloromethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Bromoform	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Bromomethane	ND	6.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
2-Butanone	ND	20		µg/L	2	3/23/2022 1:39:33 AM	R86666
Carbon disulfide	ND	20		µg/L	2	3/23/2022 1:39:33 AM	R86666
Carbon Tetrachloride	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Chlorobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Chloroethane	ND	4.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Chloroform	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Chloromethane	ND	6.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
2-Chlorotoluene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
4-Chlorotoluene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
cis-1,2-DCE	420	20		µg/L	20	3/23/2022 1:11:11 AM	R86666
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Dibromochloromethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Dibromomethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,3-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,4-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Dichlorodifluoromethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,1-Dichloroethane	360	20		µg/L	20	3/23/2022 1:11:11 AM	R86666
1,1-Dichloroethene	8.3	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2-Dichloropropane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666

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

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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031522-CN-SVE-1A
Project: WT 1 **Collection Date:** 3/15/2022 1:00:00 PM
Lab ID: 2203928-009 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
2,2-Dichloropropane	ND	4.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,1-Dichloropropene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Hexachlorobutadiene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
2-Hexanone	ND	20		µg/L	2	3/23/2022 1:39:33 AM	R86666
Isopropylbenzene	3.9	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
4-Isopropyltoluene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
4-Methyl-2-pentanone	ND	20		µg/L	2	3/23/2022 1:39:33 AM	R86666
Methylene Chloride	ND	6.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
n-Butylbenzene	ND	6.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
n-Propylbenzene	5.6	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
sec-Butylbenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Styrene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
tert-Butylbenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Tetrachloroethene (PCE)	5.5	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
trans-1,2-DCE	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,1,1-Trichloroethane	5.0	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,1,2-Trichloroethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Trichloroethene (TCE)	12	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Trichlorofluoromethane	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
1,2,3-Trichloropropane	ND	4.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Vinyl chloride	ND	2.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Xylenes, Total	4.0	3.0		µg/L	2	3/23/2022 1:39:33 AM	R86666
Surr: 1,2-Dichloroethane-d4	87.6	70-130		%Rec	2	3/23/2022 1:39:33 AM	R86666
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	2	3/23/2022 1:39:33 AM	R86666
Surr: Dibromofluoromethane	89.8	70-130		%Rec	2	3/23/2022 1:39:33 AM	R86666
Surr: Toluene-d8	104	70-130		%Rec	2	3/23/2022 1:39:33 AM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-1
Project: WT 1 **Collection Date:** 3/15/2022 1:00:00 PM
Lab ID: 2203928-010 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	25	5.0		mg/L	10	3/19/2022 4:05:01 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	3.0	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Toluene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Ethylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Naphthalene	ND	2.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Acetone	ND	10		µg/L	1	3/23/2022 2:07:53 AM	R86666
Bromobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Bromoform	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Bromomethane	ND	3.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
2-Butanone	ND	10		µg/L	1	3/23/2022 2:07:53 AM	R86666
Carbon disulfide	ND	10		µg/L	1	3/23/2022 2:07:53 AM	R86666
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Chlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Chloroethane	ND	2.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Chloroform	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Chloromethane	ND	3.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
cis-1,2-DCE	1.8	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Dibromomethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666

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

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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-1
Project: WT 1 **Collection Date:** 3/15/2022 1:00:00 PM
Lab ID: 2203928-010 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
2-Hexanone	ND	10		µg/L	1	3/23/2022 2:07:53 AM	R86666
Isopropylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2022 2:07:53 AM	R86666
Methylene Chloride	ND	3.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Styrene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Vinyl chloride	ND	1.0		µg/L	1	3/23/2022 2:07:53 AM	R86666
Xylenes, Total	ND	1.5		µg/L	1	3/23/2022 2:07:53 AM	R86666
Surr: 1,2-Dichloroethane-d4	92.9	70-130		%Rec	1	3/23/2022 2:07:53 AM	R86666
Surr: 4-Bromofluorobenzene	216	70-130	S	%Rec	1	3/23/2022 2:07:53 AM	R86666
Surr: Dibromofluoromethane	92.2	70-130		%Rec	1	3/23/2022 2:07:53 AM	R86666
Surr: Toluene-d8	103	70-130		%Rec	1	3/23/2022 2:07:53 AM	R86666

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-5
Project: WT 1 **Collection Date:** 3/16/2022 9:30:00 AM
Lab ID: 2203928-011 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	6200	100	*	mg/L	200	3/22/2022 12:56:52 PM	R86683
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	620	50	P	µg/L	50	3/23/2022 10:36:44 AM	R86688
Toluene	15	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Ethylbenzene	62	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2,4-Trimethylbenzene	150	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,3,5-Trimethylbenzene	27	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Naphthalene	23	10		µg/L	5	3/24/2022 4:50:57 PM	R86740
1-Methylnaphthalene	ND	20		µg/L	5	3/24/2022 4:50:57 PM	R86740
2-Methylnaphthalene	20	20		µg/L	5	3/24/2022 4:50:57 PM	R86740
Acetone	ND	50		µg/L	5	3/24/2022 4:50:57 PM	R86740
Bromobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Bromodichloromethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Bromoform	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Bromomethane	ND	15		µg/L	5	3/24/2022 4:50:57 PM	R86740
2-Butanone	64	50		µg/L	5	3/24/2022 4:50:57 PM	R86740
Carbon disulfide	ND	50		µg/L	5	3/24/2022 4:50:57 PM	R86740
Carbon Tetrachloride	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Chlorobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Chloroethane	ND	10		µg/L	5	3/24/2022 4:50:57 PM	R86740
Chloroform	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Chloromethane	ND	15		µg/L	5	3/24/2022 4:50:57 PM	R86740
2-Chlorotoluene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
4-Chlorotoluene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
cis-1,2-DCE	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	3/24/2022 4:50:57 PM	R86740
Dibromochloromethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Dibromomethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2-Dichlorobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,3-Dichlorobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,4-Dichlorobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Dichlorodifluoromethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1-Dichloroethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1-Dichloroethene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2-Dichloropropane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-5
Project: WT 1 **Collection Date:** 3/16/2022 9:30:00 AM
Lab ID: 2203928-011 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
2,2-Dichloropropane	ND	10		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1-Dichloropropene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Hexachlorobutadiene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
2-Hexanone	ND	50		µg/L	5	3/24/2022 4:50:57 PM	R86740
Isopropylbenzene	12	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
4-Isopropyltoluene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
4-Methyl-2-pentanone	ND	50		µg/L	5	3/24/2022 4:50:57 PM	R86740
Methylene Chloride	ND	15		µg/L	5	3/24/2022 4:50:57 PM	R86740
n-Butylbenzene	ND	15		µg/L	5	3/24/2022 4:50:57 PM	R86740
n-Propylbenzene	16	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
sec-Butylbenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Styrene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
tert-Butylbenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	3/24/2022 4:50:57 PM	R86740
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
trans-1,2-DCE	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1,1-Trichloroethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,1,2-Trichloroethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Trichloroethene (TCE)	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Trichlorofluoromethane	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
1,2,3-Trichloropropane	ND	10		µg/L	5	3/24/2022 4:50:57 PM	R86740
Vinyl chloride	ND	5.0		µg/L	5	3/24/2022 4:50:57 PM	R86740
Xylenes, Total	260	7.5		µg/L	5	3/24/2022 4:50:57 PM	R86740
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	5	3/24/2022 4:50:57 PM	R86740
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	5	3/24/2022 4:50:57 PM	R86740
Surr: Dibromofluoromethane	105	70-130		%Rec	5	3/24/2022 4:50:57 PM	R86740
Surr: Toluene-d8	106	70-130		%Rec	5	3/24/2022 4:50:57 PM	R86740

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-7
Project: WT 1 **Collection Date:** 3/16/2022 12:00:00 PM
Lab ID: 2203928-012 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	750	50	*	mg/L	100	3/19/2022 5:09:22 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Toluene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Ethylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Naphthalene	ND	2.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Acetone	ND	10		µg/L	1	3/23/2022 11:03:37 AM	R86688
Bromobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Bromoform	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Bromomethane	ND	3.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
2-Butanone	ND	10		µg/L	1	3/23/2022 11:03:37 AM	R86688
Carbon disulfide	ND	10		µg/L	1	3/23/2022 11:03:37 AM	R86688
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Chlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Chloroethane	ND	2.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Chloroform	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Chloromethane	ND	3.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Dibromomethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-7
Project: WT 1 **Collection Date:** 3/16/2022 12:00:00 PM
Lab ID: 2203928-012 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
2-Hexanone	ND	10		µg/L	1	3/23/2022 11:03:37 AM	R86688
Isopropylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2022 11:03:37 AM	R86688
Methylene Chloride	ND	3.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Styrene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Vinyl chloride	ND	1.0		µg/L	1	3/23/2022 11:03:37 AM	R86688
Xylenes, Total	ND	1.5		µg/L	1	3/23/2022 11:03:37 AM	R86688
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	3/23/2022 11:03:37 AM	R86688
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/23/2022 11:03:37 AM	R86688
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/23/2022 11:03:37 AM	R86688
Surr: Toluene-d8	94.0	70-130		%Rec	1	3/23/2022 11:03:37 AM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-8
Project: WT 1 **Collection Date:** 3/16/2022 11:30:00 AM
Lab ID: 2203928-013 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	890	50	*	mg/L	100	3/19/2022 5:35:07 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Toluene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Ethylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Naphthalene	ND	2.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Acetone	ND	10		µg/L	1	3/23/2022 11:30:26 AM	R86688
Bromobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Bromoform	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Bromomethane	ND	3.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
2-Butanone	ND	10		µg/L	1	3/23/2022 11:30:26 AM	R86688
Carbon disulfide	ND	10		µg/L	1	3/23/2022 11:30:26 AM	R86688
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Chlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Chloroethane	ND	2.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Chloroform	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Chloromethane	ND	3.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Dibromomethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-8
Project: WT 1 **Collection Date:** 3/16/2022 11:30:00 AM
Lab ID: 2203928-013 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
2-Hexanone	ND	10		µg/L	1	3/23/2022 11:30:26 AM	R86688
Isopropylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2022 11:30:26 AM	R86688
Methylene Chloride	ND	3.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Styrene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Vinyl chloride	ND	1.0		µg/L	1	3/23/2022 11:30:26 AM	R86688
Xylenes, Total	ND	1.5		µg/L	1	3/23/2022 11:30:26 AM	R86688
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	3/23/2022 11:30:26 AM	R86688
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/23/2022 11:30:26 AM	R86688
Surr: Dibromofluoromethane	107	70-130		%Rec	1	3/23/2022 11:30:26 AM	R86688
Surr: Toluene-d8	96.7	70-130		%Rec	1	3/23/2022 11:30:26 AM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-9
Project: WT 1 **Collection Date:** 3/16/2022 11:00:00 AM
Lab ID: 2203928-014 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	830	50	*	mg/L	100	3/19/2022 6:00:52 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	56	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Toluene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Ethylbenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,3,5-Trimethylbenzene	2.3	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Naphthalene	ND	4.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1-Methylnaphthalene	ND	8.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
2-Methylnaphthalene	ND	8.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Acetone	ND	20		µg/L	2	3/24/2022 5:44:58 PM	R86740
Bromobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Bromodichloromethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Bromoform	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Bromomethane	ND	6.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
2-Butanone	ND	20		µg/L	2	3/24/2022 5:44:58 PM	R86740
Carbon disulfide	ND	20		µg/L	2	3/24/2022 5:44:58 PM	R86740
Carbon Tetrachloride	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Chlorobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Chloroethane	ND	4.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Chloroform	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Chloromethane	ND	6.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
2-Chlorotoluene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
4-Chlorotoluene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
cis-1,2-DCE	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Dibromochloromethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Dibromomethane	2.3	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2-Dichlorobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,3-Dichlorobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,4-Dichlorobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Dichlorodifluoromethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1-Dichloroethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1-Dichloroethene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2-Dichloropropane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-9
Project: WT 1 **Collection Date:** 3/16/2022 11:00:00 AM
Lab ID: 2203928-014 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
2,2-Dichloropropane	ND	4.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1-Dichloropropene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Hexachlorobutadiene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
2-Hexanone	ND	20		µg/L	2	3/24/2022 5:44:58 PM	R86740
Isopropylbenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
4-Isopropyltoluene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
4-Methyl-2-pentanone	ND	20		µg/L	2	3/24/2022 5:44:58 PM	R86740
Methylene Chloride	ND	6.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
n-Butylbenzene	ND	6.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
n-Propylbenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
sec-Butylbenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Styrene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
tert-Butylbenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
trans-1,2-DCE	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1,1-Trichloroethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,1,2-Trichloroethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Trichloroethene (TCE)	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Trichlorofluoromethane	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
1,2,3-Trichloropropane	ND	4.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Vinyl chloride	ND	2.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Xylenes, Total	5.5	3.0		µg/L	2	3/24/2022 5:44:58 PM	R86740
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	2	3/24/2022 5:44:58 PM	R86740
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	2	3/24/2022 5:44:58 PM	R86740
Surr: Dibromofluoromethane	109	70-130		%Rec	2	3/24/2022 5:44:58 PM	R86740
Surr: Toluene-d8	103	70-130		%Rec	2	3/24/2022 5:44:58 PM	R86740

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-12
Project: WT 1 **Collection Date:** 3/16/2022 10:00:00 AM
Lab ID: 2203928-015 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	880	50	*	mg/L	100	3/19/2022 6:52:21 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	3700	100		µg/L	100	3/24/2022 6:12:06 PM	R86740
Toluene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Ethylbenzene	280	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Methyl tert-butyl ether (MTBE)	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2,4-Trimethylbenzene	64	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,3,5-Trimethylbenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2-Dichloroethane (EDC)	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2-Dibromoethane (EDB)	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Naphthalene	ND	40		µg/L	20	3/23/2022 12:24:11 PM	R86688
1-Methylnaphthalene	ND	80		µg/L	20	3/23/2022 12:24:11 PM	R86688
2-Methylnaphthalene	ND	80		µg/L	20	3/23/2022 12:24:11 PM	R86688
Acetone	ND	200		µg/L	20	3/23/2022 12:24:11 PM	R86688
Bromobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Bromodichloromethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Bromoform	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Bromomethane	ND	60		µg/L	20	3/23/2022 12:24:11 PM	R86688
2-Butanone	ND	200		µg/L	20	3/23/2022 12:24:11 PM	R86688
Carbon disulfide	ND	200		µg/L	20	3/23/2022 12:24:11 PM	R86688
Carbon Tetrachloride	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Chlorobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Chloroethane	ND	40		µg/L	20	3/23/2022 12:24:11 PM	R86688
Chloroform	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Chloromethane	ND	60		µg/L	20	3/23/2022 12:24:11 PM	R86688
2-Chlorotoluene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
4-Chlorotoluene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
cis-1,2-DCE	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
cis-1,3-Dichloropropene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2-Dibromo-3-chloropropane	ND	40		µg/L	20	3/23/2022 12:24:11 PM	R86688
Dibromochloromethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Dibromomethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2-Dichlorobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,3-Dichlorobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,4-Dichlorobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Dichlorodifluoromethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1-Dichloroethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1-Dichloroethene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2-Dichloropropane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-12
Project: WT 1 **Collection Date:** 3/16/2022 10:00:00 AM
Lab ID: 2203928-015 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
2,2-Dichloropropane	ND	40		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1-Dichloropropene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Hexachlorobutadiene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
2-Hexanone	ND	200		µg/L	20	3/23/2022 12:24:11 PM	R86688
Isopropylbenzene	33	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
4-Isopropyltoluene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
4-Methyl-2-pentanone	ND	200		µg/L	20	3/23/2022 12:24:11 PM	R86688
Methylene Chloride	ND	60		µg/L	20	3/23/2022 12:24:11 PM	R86688
n-Butylbenzene	ND	60		µg/L	20	3/23/2022 12:24:11 PM	R86688
n-Propylbenzene	40	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
sec-Butylbenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Styrene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
tert-Butylbenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1,1,2-Tetrachloroethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1,2,2-Tetrachloroethane	ND	40		µg/L	20	3/23/2022 12:24:11 PM	R86688
Tetrachloroethene (PCE)	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
trans-1,2-DCE	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
trans-1,3-Dichloropropene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2,3-Trichlorobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2,4-Trichlorobenzene	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1,1-Trichloroethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,1,2-Trichloroethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Trichloroethene (TCE)	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Trichlorofluoromethane	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
1,2,3-Trichloropropane	ND	40		µg/L	20	3/23/2022 12:24:11 PM	R86688
Vinyl chloride	ND	20		µg/L	20	3/23/2022 12:24:11 PM	R86688
Xylenes, Total	130	30		µg/L	20	3/23/2022 12:24:11 PM	R86688
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	20	3/23/2022 12:24:11 PM	R86688
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	20	3/23/2022 12:24:11 PM	R86688
Surr: Dibromofluoromethane	105	70-130		%Rec	20	3/23/2022 12:24:11 PM	R86688
Surr: Toluene-d8	95.7	70-130		%Rec	20	3/23/2022 12:24:11 PM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-13
Project: WT 1 **Collection Date:** 3/16/2022 10:30:00 AM
Lab ID: 2203928-016 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	560	50	*	mg/L	100	3/19/2022 7:43:49 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	540	20		µg/L	20	3/23/2022 12:51:08 PM	R86688
Toluene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Ethylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Methyl tert-butyl ether (MTBE)	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2,4-Trimethylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,3,5-Trimethylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2-Dichloroethane (EDC)	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2-Dibromoethane (EDB)	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Naphthalene	ND	10	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1-Methylnaphthalene	ND	20	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
2-Methylnaphthalene	ND	20	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Acetone	ND	50	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Bromobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Bromodichloromethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Bromoform	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Bromomethane	ND	15	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
2-Butanone	ND	50	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Carbon disulfide	ND	50	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Carbon Tetrachloride	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Chlorobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Chloroethane	ND	10	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Chloroform	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Chloromethane	ND	15	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
2-Chlorotoluene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
4-Chlorotoluene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
cis-1,2-DCE	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
cis-1,3-Dichloropropene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2-Dibromo-3-chloropropane	ND	10	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Dibromochloromethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Dibromomethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2-Dichlorobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,3-Dichlorobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,4-Dichlorobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Dichlorodifluoromethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1-Dichloroethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1-Dichloroethene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2-Dichloropropane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740

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

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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-13
Project: WT 1 **Collection Date:** 3/16/2022 10:30:00 AM
Lab ID: 2203928-016 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
2,2-Dichloropropane	ND	10	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1-Dichloropropene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Hexachlorobutadiene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
2-Hexanone	ND	50	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Isopropylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
4-Isopropyltoluene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
4-Methyl-2-pentanone	ND	50	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Methylene Chloride	ND	15	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
n-Butylbenzene	ND	15	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
n-Propylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
sec-Butylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Styrene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
tert-Butylbenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1,1,2-Tetrachloroethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1,2,2-Tetrachloroethane	ND	10	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Tetrachloroethene (PCE)	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
trans-1,2-DCE	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
trans-1,3-Dichloropropene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2,3-Trichlorobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2,4-Trichlorobenzene	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1,1-Trichloroethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,1,2-Trichloroethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Trichloroethene (TCE)	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Trichlorofluoromethane	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
1,2,3-Trichloropropane	ND	10	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Vinyl chloride	ND	5.0	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Xylenes, Total	ND	7.5	D	µg/L	5	3/24/2022 6:39:18 PM	R86740
Surr: 1,2-Dichloroethane-d4	107	70-130	D	%Rec	5	3/24/2022 6:39:18 PM	R86740
Surr: 4-Bromofluorobenzene	115	70-130	D	%Rec	5	3/24/2022 6:39:18 PM	R86740
Surr: Dibromofluoromethane	108	70-130	D	%Rec	5	3/24/2022 6:39:18 PM	R86740
Surr: Toluene-d8	103	70-130	D	%Rec	5	3/24/2022 6:39:18 PM	R86740

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

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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-14
Project: WT 1 **Collection Date:** 3/16/2022 9:00:00 AM
Lab ID: 2203928-017 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	630	50	*	mg/L	100	3/19/2022 8:09:34 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	34	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Toluene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Ethylbenzene	13	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2,4-Trimethylbenzene	16	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,3,5-Trimethylbenzene	24	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Naphthalene	ND	10		µg/L	5	3/24/2022 7:06:17 PM	R86740
1-Methylnaphthalene	ND	20		µg/L	5	3/24/2022 7:06:17 PM	R86740
2-Methylnaphthalene	ND	20		µg/L	5	3/24/2022 7:06:17 PM	R86740
Acetone	ND	50		µg/L	5	3/24/2022 7:06:17 PM	R86740
Bromobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Bromodichloromethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Bromoform	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Bromomethane	ND	15		µg/L	5	3/24/2022 7:06:17 PM	R86740
2-Butanone	ND	50		µg/L	5	3/24/2022 7:06:17 PM	R86740
Carbon disulfide	ND	50		µg/L	5	3/24/2022 7:06:17 PM	R86740
Carbon Tetrachloride	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Chlorobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Chloroethane	ND	10		µg/L	5	3/24/2022 7:06:17 PM	R86740
Chloroform	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Chloromethane	ND	15		µg/L	5	3/24/2022 7:06:17 PM	R86740
2-Chlorotoluene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
4-Chlorotoluene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
cis-1,2-DCE	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	3/24/2022 7:06:17 PM	R86740
Dibromochloromethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Dibromomethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2-Dichlorobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,3-Dichlorobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,4-Dichlorobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Dichlorodifluoromethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1-Dichloroethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1-Dichloroethene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2-Dichloropropane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-SVE-14
Project: WT 1 **Collection Date:** 3/16/2022 9:00:00 AM
Lab ID: 2203928-017 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
2,2-Dichloropropane	ND	10		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1-Dichloropropene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Hexachlorobutadiene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
2-Hexanone	ND	50		µg/L	5	3/24/2022 7:06:17 PM	R86740
Isopropylbenzene	5.6	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
4-Isopropyltoluene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
4-Methyl-2-pentanone	ND	50		µg/L	5	3/24/2022 7:06:17 PM	R86740
Methylene Chloride	ND	15		µg/L	5	3/24/2022 7:06:17 PM	R86740
n-Butylbenzene	ND	15		µg/L	5	3/24/2022 7:06:17 PM	R86740
n-Propylbenzene	7.6	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
sec-Butylbenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Styrene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
tert-Butylbenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	3/24/2022 7:06:17 PM	R86740
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
trans-1,2-DCE	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1,1-Trichloroethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,1,2-Trichloroethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Trichloroethene (TCE)	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Trichlorofluoromethane	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
1,2,3-Trichloropropane	ND	10		µg/L	5	3/24/2022 7:06:17 PM	R86740
Vinyl chloride	ND	5.0		µg/L	5	3/24/2022 7:06:17 PM	R86740
Xylenes, Total	ND	7.5		µg/L	5	3/24/2022 7:06:17 PM	R86740
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	5	3/24/2022 7:06:17 PM	R86740
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	5	3/24/2022 7:06:17 PM	R86740
Surr: Dibromofluoromethane	105	70-130		%Rec	5	3/24/2022 7:06:17 PM	R86740
Surr: Toluene-d8	105	70-130		%Rec	5	3/24/2022 7:06:17 PM	R86740

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-DUP
Project: WT 1 **Collection Date:** 3/16/2022
Lab ID: 2203928-018 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Sulfate	600	50	*	mg/L	100	3/19/2022 8:35:17 PM	R86612
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Toluene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Ethylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Naphthalene	ND	2.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Acetone	ND	10		µg/L	1	3/23/2022 1:45:07 PM	R86688
Bromobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Bromoform	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Bromomethane	ND	3.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
2-Butanone	ND	10		µg/L	1	3/23/2022 1:45:07 PM	R86688
Carbon disulfide	ND	10		µg/L	1	3/23/2022 1:45:07 PM	R86688
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Chlorobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Chloroethane	ND	2.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Chloroform	1.0	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Chloromethane	ND	3.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Dibromomethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-12574723-031622-CN-DUP
Project: WT 1 **Collection Date:** 3/16/2022
Lab ID: 2203928-018 **Matrix:** GROUNDWA **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
2-Hexanone	ND	10		µg/L	1	3/23/2022 1:45:07 PM	R86688
Isopropylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2022 1:45:07 PM	R86688
Methylene Chloride	ND	3.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Styrene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Vinyl chloride	ND	1.0		µg/L	1	3/23/2022 1:45:07 PM	R86688
Xylenes, Total	ND	1.5		µg/L	1	3/23/2022 1:45:07 PM	R86688
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	3/23/2022 1:45:07 PM	R86688
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	3/23/2022 1:45:07 PM	R86688
Surr: Dibromofluoromethane	107	70-130		%Rec	1	3/23/2022 1:45:07 PM	R86688
Surr: Toluene-d8	93.9	70-130		%Rec	1	3/23/2022 1:45:07 PM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: WT 1 **Collection Date:**
Lab ID: 2203928-019 **Matrix:** TRIP BLANK **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Toluene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Ethylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Naphthalene	ND	2.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Acetone	ND	10		µg/L	1	3/23/2022 2:12:06 PM	R86688
Bromobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Bromoform	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Bromomethane	ND	3.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
2-Butanone	ND	10		µg/L	1	3/23/2022 2:12:06 PM	R86688
Carbon disulfide	ND	10		µg/L	1	3/23/2022 2:12:06 PM	R86688
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Chlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Chloroethane	ND	2.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Chloroform	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Chloromethane	ND	3.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Dibromomethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2022 2:12:06 PM	R86688

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	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 range due to dilution or matrix interference		

Analytical Report
Lab Order **2203928**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: WT 1 **Collection Date:**
Lab ID: 2203928-019 **Matrix:** TRIP BLANK **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BRM**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
2-Hexanone	ND	10		µg/L	1	3/23/2022 2:12:06 PM	R86688
Isopropylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2022 2:12:06 PM	R86688
Methylene Chloride	ND	3.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Styrene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Vinyl chloride	ND	1.0		µg/L	1	3/23/2022 2:12:06 PM	R86688
Xylenes, Total	ND	1.5		µg/L	1	3/23/2022 2:12:06 PM	R86688
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	3/23/2022 2:12:06 PM	R86688
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/23/2022 2:12:06 PM	R86688
Surr: Dibromofluoromethane	105	70-130		%Rec	1	3/23/2022 2:12:06 PM	R86688
Surr: Toluene-d8	93.9	70-130		%Rec	1	3/23/2022 2:12:06 PM	R86688

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	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 range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203928**

30-Mar-22

Client: GHD

Project: WT 1

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **A86579**	RunNo: **86579**							
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3055920**	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: **A86579**	RunNo: **86579**							
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3055921**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.2	0.50	10.00	0	92.5	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R86612**	RunNo: **86612**							
Prep Date:	Analysis Date: **3/19/2022**	SeqNo: **3057759**	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: **R86612**	RunNo: **86612**							
Prep Date:	Analysis Date: **3/19/2022**	SeqNo: **3057760**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	10	0.50	10.00	0	103	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R86683**	RunNo: **86683**							
Prep Date:	Analysis Date: **3/22/2022**	SeqNo: **3060705**	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: **R86683**	RunNo: **86683**							
Prep Date:	Analysis Date: **3/22/2022**	SeqNo: **3060713**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.4	0.50	10.00	0	94.0	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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R86666**	RunNo: **86666**
Prep Date:	Analysis Date: **3/22/2022**	SeqNo: **3059842** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	92.9	70	130			
Toluene	21	1.0	20.00	0	106	70	130			
Chlorobenzene	22	1.0	20.00	0	109	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	91.0	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	86.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.6		10.00		95.6	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.2	70	130			
Surr: Dibromofluoromethane	10		10.00		99.6	70	130			
Surr: Toluene-d8	10		10.00		105	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R86666**	RunNo: **86666**
Prep Date:	Analysis Date: **3/22/2022**	SeqNo: **3059870** 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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R86666**	RunNo: **86666**
Prep Date:	Analysis Date: **3/22/2022**	SeqNo: **3059870** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R86666** RunNo: **86666**
Prep Date: Analysis Date: **3/22/2022** SeqNo: **3059870** 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	8.8		10.00		88.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.3		10.00		92.6	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R86688** RunNo: **86688**
Prep Date: Analysis Date: **3/23/2022** SeqNo: **3061024** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	117	70	130			
Toluene	19	1.0	20.00	0	94.1	70	130			
Chlorobenzene	19	1.0	20.00	0	93.2	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	110	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	97.1	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		111	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.8		10.00		98.3	70	130			

Sample ID: **2203928-011a ms** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-12574723-03162** Batch ID: **R86688** RunNo: **86688**
Prep Date: Analysis Date: **3/23/2022** SeqNo: **3061027** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1800	50	1000	621.2	118	70	130			
Toluene	950	50	1000	15.08	93.8	70	130			
Chlorobenzene	940	50	1000	0	93.7	70	130			
1,1-Dichloroethene	1100	50	1000	0	105	70	130			
Trichloroethene (TCE)	990	50	1000	0	98.6	70	130			
Surr: 1,2-Dichloroethane-d4	520		500.0		105	70	130			
Surr: 4-Bromofluorobenzene	520		500.0		104	70	130			
Surr: Dibromofluoromethane	550		500.0		110	70	130			
Surr: Toluene-d8	470		500.0		93.8	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **2203928-011a msd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-12574723-03162** Batch ID: **R86688** RunNo: **86688**
Prep Date: Analysis Date: **3/23/2022** SeqNo: **3061028** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1700	50	1000	621.2	107	70	130	6.36	20	
Toluene	910	50	1000	15.08	89.6	70	130	4.53	20	
Chlorobenzene	880	50	1000	0	88.2	70	130	6.11	20	
1,1-Dichloroethene	980	50	1000	0	98.2	70	130	6.65	20	
Trichloroethene (TCE)	950	50	1000	0	95.0	70	130	3.67	20	
Surr: 1,2-Dichloroethane-d4	540		500.0		108	70	130	0	0	
Surr: 4-Bromofluorobenzene	500		500.0		101	70	130	0	0	
Surr: Dibromofluoromethane	540		500.0		108	70	130	0	0	
Surr: Toluene-d8	480		500.0		96.5	70	130	0	0	

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R86688** RunNo: **86688**
Prep Date: Analysis Date: **3/23/2022** SeqNo: **3061048** 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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R86688**	RunNo: **86688**
Prep Date:	Analysis Date: **3/23/2022**	SeqNo: **3061048** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R86688**	RunNo: **86688**
Prep Date:	Analysis Date: **3/23/2022**	SeqNo: **3061048** 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		104	70	130			
Surr: Dibromofluoromethane	11		10.00		114	70	130			
Surr: Toluene-d8	9.8		10.00		98.2	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R86740**	RunNo: **86740**
Prep Date:	Analysis Date: **3/24/2022**	SeqNo: **3062550** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	24	1.0	20.00	0	120	70	130			
Toluene	22	1.0	20.00	0	109	70	130			
Chlorobenzene	22	1.0	20.00	0	110	70	130			
1,1-Dichloroethene	23	1.0	20.00	0	114	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	99.5	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		112	70	130			
Surr: Dibromofluoromethane	11		10.00		106	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: **R86740**	RunNo: **86740**
Prep Date:	Analysis Date: **3/24/2022**	SeqNo: **3062559** 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 range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R86740**	RunNo: **86740**
Prep Date:	Analysis Date: **3/24/2022**	SeqNo: **3062559** 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	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 range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2203928**
30-Mar-22

Client: GHD
Project: WT 1

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R86740** RunNo: **86740**
Prep Date: Analysis Date: **3/24/2022** SeqNo: **3062559** 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		112	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		114	70	130			
Surr: Dibromofluoromethane	11		10.00		113	70	130			
Surr: Toluene-d8	11		10.00		107	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Work Order Number: 2203928 RcptNo: 1

Received By: Cheyenne Cason 3/17/2022 7:00:00 AM

Completed By: Cheyenne Cason 3/17/2022 8:22:00 AM

Reviewed By: SGL 3/17/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

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 ☐
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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: JR 3/17/22

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	4.4	Good	Yes			

Chain-of-Custody Record

Client: GHD

Mailing Address:

Phone #:

email or Fax#: Christine.Mathews@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other ______
☐ EDD (Type) ______

Turn-Around Time:
☑ Standard ☐ Rush ______

Project Name: WT-1

Project #: 12574723

Project Manager: Christine Mathews

Sampler: CN

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 4.3+0.1=4.4 (°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. 2203928	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, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Full List VOCs	[illegible]
3-15-22	1200	GW	GW-12574723-031522-CN-MW-4	various	Ice	001											X	X
↓	1330	↓	GW-12574723-031522-CN-MW-5	↓	↓	002											X	X
↓	1500	↓	GW-12574723-031522-CN-MW-6	↓	↓	003											X	X
↓	1400	↓	GW-12574723-031522-CN-MW-7	↓	↓	004											X	X
↓	1430	↓	GW-12574723-031522-CN-MW-8	↓	↓	0085											X	X
3-16-22	1400	↓	GW-12574723-031622-CN-MW-13	↓	↓	006											X	X
3-16-22	1500	↓	GW-12574723-031622-CN-MW-14	↓	↓	007											X	X
3-16-22	1545	↓	GW-12574723-031622-CN-MW-17	↓	↓	008											X	X
3-15-22	1300	↓	GW-12574723-031522-CN-SVE-1A	↓	↓	009											X	X
3-16-22	1300	↓	GW-12574723-031622-CN-SVE-1	↓	↓	010											X	X
3-16-22	0930	↓	GW-12574723-031622-CN-SVE-5	↓	↓	011											X	X
3-16-22	1200	↓	GW-12574723-031622-CN-SVE-7	↓	↓	012											X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3-16-22	1600	[signature]	[signature]		3/16/22	1000
3/16/22	1900	[signature]	Cnt Cour		3/17/22	0700

Remarks:

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.

Chain-of-Custody Record

Client: GHD

Mailing Address:

Phone #:

email or Fax#: Christine.Mathews@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: WT-1

Project #: 12574723

Project Manager: Christine Mathews

Sampler: CM

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.3 +0.1 = 4.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2203928
3-16-22	1130	W	GW-12574723-031622-CN-SVE-8	various	HCl	013
	1100		GW-12574723-031622-CN-SVE-9			014
	1000		GW-12574723-031622-CN-SVE-12			015
	1030		GW-12574723-031622-CN-SVE-13			016
	0900		GW-12574723-031622-CN-SVE-14			017
	—		GW-12574723-031622-CN-DUP			018
			Trip Blank per sample bottle			-019

Analysis Request

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, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Full List VOCs	Sulfate				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				

Remarks:

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
3-16-22	1600				3/16/22	1600
3/16/22	1900		CM Courier		3/17/22	0700

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

March 16, 2023

Christine Mathews
GHD
6121 Indian School Road, NE #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: WT 1 OrderNo.: 2210730

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 15 sample(s) on 10/14/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued October 26, 2022.

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 don't hesitate to contact HEAL 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

Analytical Report
Lab Order **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-5
Project: WT 1 **Collection Date:** 10/11/2022 10:00:00 AM
Lab ID: 2210730-001 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	ND	5.0		mg/L	10	10/17/2022 11:47:50 AM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	13	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Toluene	1.9	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Ethylbenzene	5.2	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2,4-Trimethylbenzene	13	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,3,5-Trimethylbenzene	2.9	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Naphthalene	8.6	2.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Acetone	ND	10		µg/L	1	10/20/2022 6:18:04 PM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Bromoform	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Bromomethane	ND	3.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
2-Butanone	ND	10		µg/L	1	10/20/2022 6:18:04 PM	R91974
Carbon disulfide	ND	10		µg/L	1	10/20/2022 6:18:04 PM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Chloroethane	ND	2.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Chloroform	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Chloromethane	ND	3.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
cis-1,2-DCE	9.6	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,1-Dichloroethane	140	10		µg/L	10	10/21/2022 2:01:51 PM	W92013
1,1-Dichloroethene	1.3	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-5
Project: WT 1 **Collection Date:** 10/11/2022 10:00:00 AM
Lab ID: 2210730-001 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
2-Hexanone	ND	10		µg/L	1	10/20/2022 6:18:04 PM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/20/2022 6:18:04 PM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Styrene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Tetrachloroethene (PCE)	1.2	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Trichloroethene (TCE)	24	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/20/2022 6:18:04 PM	R91974
Xylenes, Total	7.3	1.5		µg/L	1	10/20/2022 6:18:04 PM	R91974
Surr: 1,2-Dichloroethane-d4	90.4	70-130		%Rec	1	10/20/2022 6:18:04 PM	R91974
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	10/20/2022 6:18:04 PM	R91974
Surr: Dibromofluoromethane	101	70-130		%Rec	1	10/20/2022 6:18:04 PM	R91974
Surr: Toluene-d8	101	70-130		%Rec	1	10/20/2022 6:18:04 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-6
Project: WT 1 **Collection Date:** 10/11/2022 11:00:00 AM
Lab ID: 2210730-002 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	650	50	*	mg/L	100	10/17/2022 12:25:02 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Toluene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Naphthalene	ND	2.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Acetone	ND	10		µg/L	1	10/20/2022 7:38:59 PM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Bromoform	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Bromomethane	ND	3.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
2-Butanone	ND	10		µg/L	1	10/20/2022 7:38:59 PM	R91974
Carbon disulfide	ND	10		µg/L	1	10/20/2022 7:38:59 PM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Chloroethane	ND	2.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Chloroform	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Chloromethane	ND	3.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
cis-1,2-DCE	1.2	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1-Dichloroethane	2.3	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1-Dichloroethene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-6
Project: WT 1 **Collection Date:** 10/11/2022 11:00:00 AM
Lab ID: 2210730-002 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
2-Hexanone	ND	10		µg/L	1	10/20/2022 7:38:59 PM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/20/2022 7:38:59 PM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Styrene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Trichloroethene (TCE)	2.1	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/20/2022 7:38:59 PM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/20/2022 7:38:59 PM	R91974
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	10/20/2022 7:38:59 PM	R91974
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	10/20/2022 7:38:59 PM	R91974
Surr: Dibromofluoromethane	109	70-130		%Rec	1	10/20/2022 7:38:59 PM	R91974
Surr: Toluene-d8	108	70-130		%Rec	1	10/20/2022 7:38:59 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-7
Project: WT 1 **Collection Date:** 10/11/2022 12:00:00 PM
Lab ID: 2210730-003 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	410	5.0	*	mg/L	10	10/17/2022 1:02:16 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Toluene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Naphthalene	ND	2.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Acetone	ND	10		µg/L	1	10/20/2022 8:05:50 PM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Bromoform	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Bromomethane	ND	3.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
2-Butanone	ND	10		µg/L	1	10/20/2022 8:05:50 PM	R91974
Carbon disulfide	ND	10		µg/L	1	10/20/2022 8:05:50 PM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Chloroethane	ND	2.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Chloroform	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Chloromethane	ND	3.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
cis-1,2-DCE	1.7	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1-Dichloroethane	5.0	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1-Dichloroethene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-7
Project: WT 1 **Collection Date:** 10/11/2022 12:00:00 PM
Lab ID: 2210730-003 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
2-Hexanone	ND	10		µg/L	1	10/20/2022 8:05:50 PM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/20/2022 8:05:50 PM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Styrene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Trichloroethene (TCE)	1.4	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/20/2022 8:05:50 PM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/20/2022 8:05:50 PM	R91974
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	10/20/2022 8:05:50 PM	R91974
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	10/20/2022 8:05:50 PM	R91974
Surr: Dibromofluoromethane	104	70-130		%Rec	1	10/20/2022 8:05:50 PM	R91974
Surr: Toluene-d8	109	70-130		%Rec	1	10/20/2022 8:05:50 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-8
Project: WT 1 **Collection Date:** 10/11/2022 1:00:00 PM
Lab ID: 2210730-004 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	110	5.0		mg/L	10	10/17/2022 1:27:04 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	3.0	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Toluene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Naphthalene	ND	2.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Acetone	ND	10		µg/L	1	10/20/2022 8:32:50 PM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Bromoform	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Bromomethane	ND	3.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
2-Butanone	ND	10		µg/L	1	10/20/2022 8:32:50 PM	R91974
Carbon disulfide	ND	10		µg/L	1	10/20/2022 8:32:50 PM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Chloroethane	ND	2.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Chloroform	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Chloromethane	ND	3.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
cis-1,2-DCE	81	2.0		µg/L	2	10/21/2022 2:29:04 PM	R92013
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,1-Dichloroethane	62	2.0		µg/L	2	10/21/2022 2:29:04 PM	R92013
1,1-Dichloroethene	1.5	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** MW-8
Project: WT 1 **Collection Date:** 10/11/2022 1:00:00 PM
Lab ID: 2210730-004 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
2-Hexanone	ND	10		µg/L	1	10/20/2022 8:32:50 PM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/20/2022 8:32:50 PM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Styrene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Trichloroethene (TCE)	23	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/20/2022 8:32:50 PM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/20/2022 8:32:50 PM	R91974
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	10/20/2022 8:32:50 PM	R91974
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	10/20/2022 8:32:50 PM	R91974
Surr: Dibromofluoromethane	106	70-130		%Rec	1	10/20/2022 8:32:50 PM	R91974
Surr: Toluene-d8	108	70-130		%Rec	1	10/20/2022 8:32:50 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-1
Project: WT 1 **Collection Date:** 10/12/2022 1:00:00 PM
Lab ID: 2210730-005 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	21	5.0		mg/L	10	10/17/2022 1:51:52 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	2.1	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Toluene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Naphthalene	ND	2.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Acetone	ND	10		µg/L	1	10/20/2022 8:59:55 PM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Bromoform	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Bromomethane	ND	3.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
2-Butanone	ND	10		µg/L	1	10/20/2022 8:59:55 PM	R91974
Carbon disulfide	ND	10		µg/L	1	10/20/2022 8:59:55 PM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Chloroethane	ND	2.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Chloroform	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Chloromethane	ND	3.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
cis-1,2-DCE	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1-Dichloroethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1-Dichloroethene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-1
Project: WT 1 **Collection Date:** 10/12/2022 1:00:00 PM
Lab ID: 2210730-005 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
2-Hexanone	ND	10		µg/L	1	10/20/2022 8:59:55 PM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/20/2022 8:59:55 PM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Styrene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/20/2022 8:59:55 PM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/20/2022 8:59:55 PM	R91974
Surr: 1,2-Dichloroethane-d4	98.5	70-130		%Rec	1	10/20/2022 8:59:55 PM	R91974
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	1	10/20/2022 8:59:55 PM	R91974
Surr: Dibromofluoromethane	113	70-130		%Rec	1	10/20/2022 8:59:55 PM	R91974
Surr: Toluene-d8	104	70-130		%Rec	1	10/20/2022 8:59:55 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-1A
Project: WT 1 **Collection Date:** 10/11/2022 9:00:00 AM
Lab ID: 2210730-006 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	25	5.0		mg/L	10	10/17/2022 2:16:40 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	37	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Toluene	6.5	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Ethylbenzene	15	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Naphthalene	15	4.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1-Methylnaphthalene	ND	8.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
2-Methylnaphthalene	ND	8.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Acetone	ND	20		µg/L	2	10/20/2022 11:41:51 PM	R91974
Bromobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Bromodichloromethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Bromoform	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Bromomethane	ND	6.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
2-Butanone	ND	20		µg/L	2	10/20/2022 11:41:51 PM	R91974
Carbon disulfide	ND	20		µg/L	2	10/20/2022 11:41:51 PM	R91974
Carbon Tetrachloride	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Chlorobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Chloroethane	ND	4.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Chloroform	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Chloromethane	ND	6.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
2-Chlorotoluene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
4-Chlorotoluene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
cis-1,2-DCE	540	20		µg/L	20	10/20/2022 11:14:58 PM	R91974
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Dibromochloromethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Dibromomethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2-Dichlorobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,3-Dichlorobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,4-Dichlorobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Dichlorodifluoromethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,1-Dichloroethane	490	20		µg/L	20	10/20/2022 11:14:58 PM	R91974
1,1-Dichloroethene	9.7	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2-Dichloropropane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-1A
Project: WT 1 **Collection Date:** 10/11/2022 9:00:00 AM
Lab ID: 2210730-006 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
2,2-Dichloropropane	ND	4.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,1-Dichloropropene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Hexachlorobutadiene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
2-Hexanone	ND	20		µg/L	2	10/20/2022 11:41:51 PM	R91974
Isopropylbenzene	3.5	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
4-Isopropyltoluene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
4-Methyl-2-pentanone	ND	20		µg/L	2	10/20/2022 11:41:51 PM	R91974
Methylene Chloride	ND	6.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
n-Butylbenzene	ND	6.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
n-Propylbenzene	4.3	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
sec-Butylbenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Styrene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
tert-Butylbenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Tetrachloroethene (PCE)	9.7	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
trans-1,2-DCE	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,1,1-Trichloroethane	9.3	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,1,2-Trichloroethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Trichloroethene (TCE)	13	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Trichlorofluoromethane	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
1,2,3-Trichloropropane	ND	4.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Vinyl chloride	ND	2.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Xylenes, Total	3.6	3.0		µg/L	2	10/20/2022 11:41:51 PM	R91974
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	2	10/20/2022 11:41:51 PM	R91974
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	2	10/20/2022 11:41:51 PM	R91974
Surr: Dibromofluoromethane	97.9	70-130		%Rec	2	10/20/2022 11:41:51 PM	R91974
Surr: Toluene-d8	104	70-130		%Rec	2	10/20/2022 11:41:51 PM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-5
Project: WT 1 **Collection Date:** 10/11/2022 2:00:00 PM
Lab ID: 2210730-007 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	2800	50	*	mg/L	100	10/17/2022 2:53:54 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	720	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Toluene	29	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Ethylbenzene	110	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2,4-Trimethylbenzene	420	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,3,5-Trimethylbenzene	70	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,2-Dichloroethane (EDC)	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2-Dibromoethane (EDB)	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Naphthalene	ND	100	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1-Methylnaphthalene	ND	200	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
2-Methylnaphthalene	ND	200	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Acetone	ND	50	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Bromobenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Bromodichloromethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Bromoform	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Bromomethane	ND	15	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
2-Butanone	ND	50	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Carbon disulfide	ND	50	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Carbon Tetrachloride	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Chlorobenzene	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Chloroethane	ND	10	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Chloroform	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Chloromethane	ND	15	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
2-Chlorotoluene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
4-Chlorotoluene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
cis-1,2-DCE	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
cis-1,3-Dichloropropene	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2-Dibromo-3-chloropropane	ND	100	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Dibromochloromethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Dibromomethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2-Dichlorobenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,3-Dichlorobenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,4-Dichlorobenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Dichlorodifluoromethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,1-Dichloroethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,1-Dichloroethene	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2-Dichloropropane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-5
Project: WT 1 **Collection Date:** 10/11/2022 2:00:00 PM
Lab ID: 2210730-007 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
2,2-Dichloropropane	ND	10	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,1-Dichloropropene	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Hexachlorobutadiene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
2-Hexanone	ND	50	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Isopropylbenzene	32	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
4-Isopropyltoluene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
4-Methyl-2-pentanone	ND	50	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Methylene Chloride	ND	15	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
n-Butylbenzene	ND	150	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
n-Propylbenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
sec-Butylbenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Styrene	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
tert-Butylbenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,1,1,2-Tetrachloroethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,1,2,2-Tetrachloroethane	ND	100	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Tetrachloroethene (PCE)	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
trans-1,2-DCE	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
trans-1,3-Dichloropropene	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2,3-Trichlorobenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,2,4-Trichlorobenzene	ND	50	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
1,1,1-Trichloroethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,1,2-Trichloroethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Trichloroethene (TCE)	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Trichlorofluoromethane	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
1,2,3-Trichloropropane	ND	100	P	µg/L	50	10/21/2022 12:08:54 AM	R91974
Vinyl chloride	ND	5.0	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Xylenes, Total	500	7.5	P	µg/L	5	10/21/2022 12:35:59 AM	R91974
Surr: 1,2-Dichloroethane-d4	96.5	70-130	P	%Rec	5	10/21/2022 12:35:59 AM	R91974
Surr: 4-Bromofluorobenzene	102	70-130	P	%Rec	50	10/21/2022 12:08:54 AM	R91974
Surr: Dibromofluoromethane	88.9	70-130	P	%Rec	5	10/21/2022 12:35:59 AM	R91974
Surr: Toluene-d8	115	70-130	P	%Rec	5	10/21/2022 12:35:59 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-7
Project: WT 1 **Collection Date:** 10/12/2022 12:00:00 PM
Lab ID: 2210730-008 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	710	50	*	mg/L	100	10/17/2022 3:43:32 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Toluene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Naphthalene	ND	2.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Acetone	ND	10		µg/L	1	10/21/2022 1:03:06 AM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Bromoform	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Bromomethane	ND	3.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
2-Butanone	ND	10		µg/L	1	10/21/2022 1:03:06 AM	R91974
Carbon disulfide	ND	10		µg/L	1	10/21/2022 1:03:06 AM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Chloroethane	ND	2.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Chloroform	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Chloromethane	ND	3.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
cis-1,2-DCE	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1-Dichloroethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1-Dichloroethene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-7
Project: WT 1 **Collection Date:** 10/12/2022 12:00:00 PM
Lab ID: 2210730-008 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
2-Hexanone	ND	10		µg/L	1	10/21/2022 1:03:06 AM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/21/2022 1:03:06 AM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Styrene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/21/2022 1:03:06 AM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/21/2022 1:03:06 AM	R91974
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	10/21/2022 1:03:06 AM	R91974
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	10/21/2022 1:03:06 AM	R91974
Surr: Dibromofluoromethane	104	70-130		%Rec	1	10/21/2022 1:03:06 AM	R91974
Surr: Toluene-d8	106	70-130		%Rec	1	10/21/2022 1:03:06 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-8
Project: WT 1 **Collection Date:** 10/12/2022 10:30:00 AM
Lab ID: 2210730-009 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	650	50	*	mg/L	100	10/17/2022 4:08:20 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Toluene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Naphthalene	ND	2.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Acetone	ND	10		µg/L	1	10/21/2022 1:30:15 AM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Bromoform	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Bromomethane	ND	3.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
2-Butanone	ND	10		µg/L	1	10/21/2022 1:30:15 AM	R91974
Carbon disulfide	ND	10		µg/L	1	10/21/2022 1:30:15 AM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Chloroethane	ND	2.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Chloroform	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Chloromethane	ND	3.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
cis-1,2-DCE	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1-Dichloroethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1-Dichloroethene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-8
Project: WT 1 **Collection Date:** 10/12/2022 10:30:00 AM
Lab ID: 2210730-009 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
2-Hexanone	ND	10		µg/L	1	10/21/2022 1:30:15 AM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/21/2022 1:30:15 AM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Styrene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/21/2022 1:30:15 AM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/21/2022 1:30:15 AM	R91974
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	10/21/2022 1:30:15 AM	R91974
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	10/21/2022 1:30:15 AM	R91974
Surr: Dibromofluoromethane	113	70-130		%Rec	1	10/21/2022 1:30:15 AM	R91974
Surr: Toluene-d8	108	70-130		%Rec	1	10/21/2022 1:30:15 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-9
Project: WT 1 **Collection Date:** 10/12/2022 9:30:00 AM
Lab ID: 2210730-010 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	460	5.0	*	mg/L	10	10/17/2022 4:20:44 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	2.4	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Toluene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Ethylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Naphthalene	ND	4.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1-Methylnaphthalene	ND	8.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
2-Methylnaphthalene	ND	8.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Acetone	24	20		µg/L	2	10/21/2022 1:57:16 AM	R91974
Bromobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Bromodichloromethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Bromoform	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Bromomethane	ND	6.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
2-Butanone	ND	20		µg/L	2	10/21/2022 1:57:16 AM	R91974
Carbon disulfide	ND	20		µg/L	2	10/21/2022 1:57:16 AM	R91974
Carbon Tetrachloride	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Chlorobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Chloroethane	ND	4.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Chloroform	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Chloromethane	ND	6.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
2-Chlorotoluene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
4-Chlorotoluene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
cis-1,2-DCE	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Dibromochloromethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Dibromomethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2-Dichlorobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,3-Dichlorobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,4-Dichlorobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Dichlorodifluoromethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1-Dichloroethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1-Dichloroethene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2-Dichloropropane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-9
Project: WT 1 **Collection Date:** 10/12/2022 9:30:00 AM
Lab ID: 2210730-010 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
2,2-Dichloropropane	ND	4.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1-Dichloropropene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Hexachlorobutadiene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
2-Hexanone	ND	20		µg/L	2	10/21/2022 1:57:16 AM	R91974
Isopropylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
4-Isopropyltoluene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
4-Methyl-2-pentanone	ND	20		µg/L	2	10/21/2022 1:57:16 AM	R91974
Methylene Chloride	ND	6.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
n-Butylbenzene	ND	6.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
n-Propylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
sec-Butylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Styrene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
tert-Butylbenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
trans-1,2-DCE	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1,1-Trichloroethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,1,2-Trichloroethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Trichloroethene (TCE)	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Trichlorofluoromethane	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
1,2,3-Trichloropropane	ND	4.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Vinyl chloride	ND	2.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Xylenes, Total	ND	3.0		µg/L	2	10/21/2022 1:57:16 AM	R91974
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	2	10/21/2022 1:57:16 AM	R91974
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	2	10/21/2022 1:57:16 AM	R91974
Surr: Dibromofluoromethane	101	70-130		%Rec	2	10/21/2022 1:57:16 AM	R91974
Surr: Toluene-d8	107	70-130		%Rec	2	10/21/2022 1:57:16 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-12
Project: WT 1 **Collection Date:** 10/11/2022 2:30:00 PM
Lab ID: 2210730-011 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	280	5.0	*	mg/L	10	10/17/2022 4:45:33 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	2800	100		µg/L	100	10/21/2022 2:24:20 AM	R91974
Toluene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Ethylbenzene	260	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2,4-Trimethylbenzene	24	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,3,5-Trimethylbenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Naphthalene	ND	20		µg/L	10	10/21/2022 2:51:25 AM	R91974
1-Methylnaphthalene	ND	40		µg/L	10	10/21/2022 2:51:25 AM	R91974
2-Methylnaphthalene	ND	40		µg/L	10	10/21/2022 2:51:25 AM	R91974
Acetone	ND	100		µg/L	10	10/21/2022 2:51:25 AM	R91974
Bromobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Bromodichloromethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Bromoform	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Bromomethane	ND	30		µg/L	10	10/21/2022 2:51:25 AM	R91974
2-Butanone	ND	100		µg/L	10	10/21/2022 2:51:25 AM	R91974
Carbon disulfide	ND	100		µg/L	10	10/21/2022 2:51:25 AM	R91974
Carbon Tetrachloride	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Chlorobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Chloroethane	ND	20		µg/L	10	10/21/2022 2:51:25 AM	R91974
Chloroform	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Chloromethane	ND	30		µg/L	10	10/21/2022 2:51:25 AM	R91974
2-Chlorotoluene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
4-Chlorotoluene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
cis-1,2-DCE	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
cis-1,3-Dichloropropene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	10/21/2022 2:51:25 AM	R91974
Dibromochloromethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Dibromomethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2-Dichlorobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,3-Dichlorobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,4-Dichlorobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Dichlorodifluoromethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1-Dichloroethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1-Dichloroethene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2-Dichloropropane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-12
Project: WT 1 **Collection Date:** 10/11/2022 2:30:00 PM
Lab ID: 2210730-011 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
2,2-Dichloropropane	ND	20		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1-Dichloropropene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Hexachlorobutadiene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
2-Hexanone	ND	100		µg/L	10	10/21/2022 2:51:25 AM	R91974
Isopropylbenzene	32	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
4-Isopropyltoluene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
4-Methyl-2-pentanone	ND	100		µg/L	10	10/21/2022 2:51:25 AM	R91974
Methylene Chloride	ND	30		µg/L	10	10/21/2022 2:51:25 AM	R91974
n-Butylbenzene	ND	30		µg/L	10	10/21/2022 2:51:25 AM	R91974
n-Propylbenzene	38	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
sec-Butylbenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Styrene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
tert-Butylbenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	10/21/2022 2:51:25 AM	R91974
Tetrachloroethene (PCE)	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
trans-1,2-DCE	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
trans-1,3-Dichloropropene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2,3-Trichlorobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2,4-Trichlorobenzene	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1,1-Trichloroethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,1,2-Trichloroethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Trichloroethene (TCE)	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Trichlorofluoromethane	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
1,2,3-Trichloropropane	ND	20		µg/L	10	10/21/2022 2:51:25 AM	R91974
Vinyl chloride	ND	10		µg/L	10	10/21/2022 2:51:25 AM	R91974
Xylenes, Total	75	15		µg/L	10	10/21/2022 2:51:25 AM	R91974
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	10	10/21/2022 2:51:25 AM	R91974
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	10	10/21/2022 2:51:25 AM	R91974
Surr: Dibromofluoromethane	102	70-130		%Rec	10	10/21/2022 2:51:25 AM	R91974
Surr: Toluene-d8	105	70-130		%Rec	10	10/21/2022 2:51:25 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-13
Project: WT 1 **Collection Date:** 10/11/2022 3:15:00 PM
Lab ID: 2210730-012 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	420	50	*	mg/L	100	10/17/2022 5:22:48 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	470	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Toluene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Ethylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Naphthalene	ND	10		µg/L	5	10/21/2022 3:45:26 AM	R91974
1-Methylnaphthalene	ND	20		µg/L	5	10/21/2022 3:45:26 AM	R91974
2-Methylnaphthalene	ND	20		µg/L	5	10/21/2022 3:45:26 AM	R91974
Acetone	ND	50		µg/L	5	10/21/2022 3:45:26 AM	R91974
Bromobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Bromodichloromethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Bromoform	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Bromomethane	ND	15		µg/L	5	10/21/2022 3:45:26 AM	R91974
2-Butanone	ND	50		µg/L	5	10/21/2022 3:45:26 AM	R91974
Carbon disulfide	ND	50		µg/L	5	10/21/2022 3:45:26 AM	R91974
Carbon Tetrachloride	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Chlorobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Chloroethane	ND	10		µg/L	5	10/21/2022 3:45:26 AM	R91974
Chloroform	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Chloromethane	ND	15		µg/L	5	10/21/2022 3:45:26 AM	R91974
2-Chlorotoluene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
4-Chlorotoluene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
cis-1,2-DCE	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	10/21/2022 3:45:26 AM	R91974
Dibromochloromethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Dibromomethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,3-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,4-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Dichlorodifluoromethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1-Dichloroethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1-Dichloroethene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2-Dichloropropane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-13
Project: WT 1 **Collection Date:** 10/11/2022 3:15:00 PM
Lab ID: 2210730-012 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
2,2-Dichloropropane	ND	10		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Hexachlorobutadiene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
2-Hexanone	ND	50		µg/L	5	10/21/2022 3:45:26 AM	R91974
Isopropylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
4-Isopropyltoluene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
4-Methyl-2-pentanone	ND	50		µg/L	5	10/21/2022 3:45:26 AM	R91974
Methylene Chloride	ND	15		µg/L	5	10/21/2022 3:45:26 AM	R91974
n-Butylbenzene	ND	15		µg/L	5	10/21/2022 3:45:26 AM	R91974
n-Propylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
sec-Butylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Styrene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
tert-Butylbenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	10/21/2022 3:45:26 AM	R91974
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
trans-1,2-DCE	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1,1-Trichloroethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,1,2-Trichloroethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Trichloroethene (TCE)	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Trichlorofluoromethane	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
1,2,3-Trichloropropane	ND	10		µg/L	5	10/21/2022 3:45:26 AM	R91974
Vinyl chloride	ND	5.0		µg/L	5	10/21/2022 3:45:26 AM	R91974
Xylenes, Total	ND	7.5		µg/L	5	10/21/2022 3:45:26 AM	R91974
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	5	10/21/2022 3:45:26 AM	R91974
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5	10/21/2022 3:45:26 AM	R91974
Surr: Dibromofluoromethane	102	70-130		%Rec	5	10/21/2022 3:45:26 AM	R91974
Surr: Toluene-d8	108	70-130		%Rec	5	10/21/2022 3:45:26 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-14
Project: WT 1 **Collection Date:** 10/11/2022 4:30:00 PM
Lab ID: 2210730-013 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	720	50	*	mg/L	100	10/17/2022 6:12:24 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	23	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Toluene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Ethylbenzene	10	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2,4-Trimethylbenzene	11	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,3,5-Trimethylbenzene	14	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Naphthalene	ND	10		µg/L	5	10/21/2022 4:12:19 AM	R91974
1-Methylnaphthalene	ND	20		µg/L	5	10/21/2022 4:12:19 AM	R91974
2-Methylnaphthalene	ND	20		µg/L	5	10/21/2022 4:12:19 AM	R91974
Acetone	ND	50		µg/L	5	10/21/2022 4:12:19 AM	R91974
Bromobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Bromodichloromethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Bromoform	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Bromomethane	ND	15		µg/L	5	10/21/2022 4:12:19 AM	R91974
2-Butanone	ND	50		µg/L	5	10/21/2022 4:12:19 AM	R91974
Carbon disulfide	ND	50		µg/L	5	10/21/2022 4:12:19 AM	R91974
Carbon Tetrachloride	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Chlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Chloroethane	ND	10		µg/L	5	10/21/2022 4:12:19 AM	R91974
Chloroform	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Chloromethane	ND	15		µg/L	5	10/21/2022 4:12:19 AM	R91974
2-Chlorotoluene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
4-Chlorotoluene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
cis-1,2-DCE	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	10/21/2022 4:12:19 AM	R91974
Dibromochloromethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Dibromomethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,3-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,4-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Dichlorodifluoromethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1-Dichloroethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1-Dichloroethene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2-Dichloropropane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** SVE-14
Project: WT 1 **Collection Date:** 10/11/2022 4:30:00 PM
Lab ID: 2210730-013 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
2,2-Dichloropropane	ND	10		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Hexachlorobutadiene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
2-Hexanone	ND	50		µg/L	5	10/21/2022 4:12:19 AM	R91974
Isopropylbenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
4-Isopropyltoluene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
4-Methyl-2-pentanone	ND	50		µg/L	5	10/21/2022 4:12:19 AM	R91974
Methylene Chloride	ND	15		µg/L	5	10/21/2022 4:12:19 AM	R91974
n-Butylbenzene	ND	15		µg/L	5	10/21/2022 4:12:19 AM	R91974
n-Propylbenzene	5.2	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
sec-Butylbenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Styrene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
tert-Butylbenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	10/21/2022 4:12:19 AM	R91974
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
trans-1,2-DCE	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1,1-Trichloroethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,1,2-Trichloroethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Trichloroethene (TCE)	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Trichlorofluoromethane	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
1,2,3-Trichloropropane	ND	10		µg/L	5	10/21/2022 4:12:19 AM	R91974
Vinyl chloride	ND	5.0		µg/L	5	10/21/2022 4:12:19 AM	R91974
Xylenes, Total	ND	7.5		µg/L	5	10/21/2022 4:12:19 AM	R91974
Surr: 1,2-Dichloroethane-d4	98.4	70-130		%Rec	5	10/21/2022 4:12:19 AM	R91974
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5	10/21/2022 4:12:19 AM	R91974
Surr: Dibromofluoromethane	95.0	70-130		%Rec	5	10/21/2022 4:12:19 AM	R91974
Surr: Toluene-d8	108	70-130		%Rec	5	10/21/2022 4:12:19 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** DUP
Project: WT 1 **Collection Date:** 10/11/2022
Lab ID: 2210730-014 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Sulfate	430	50	*	mg/L	100	10/17/2022 7:02:02 PM	R91861
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	450	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Toluene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Ethylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Naphthalene	ND	10		µg/L	5	10/21/2022 4:39:21 AM	R91974
1-Methylnaphthalene	ND	20		µg/L	5	10/21/2022 4:39:21 AM	R91974
2-Methylnaphthalene	ND	20		µg/L	5	10/21/2022 4:39:21 AM	R91974
Acetone	ND	50		µg/L	5	10/21/2022 4:39:21 AM	R91974
Bromobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Bromodichloromethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Bromoform	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Bromomethane	ND	15		µg/L	5	10/21/2022 4:39:21 AM	R91974
2-Butanone	ND	50		µg/L	5	10/21/2022 4:39:21 AM	R91974
Carbon disulfide	ND	50		µg/L	5	10/21/2022 4:39:21 AM	R91974
Carbon Tetrachloride	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Chlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Chloroethane	ND	10		µg/L	5	10/21/2022 4:39:21 AM	R91974
Chloroform	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Chloromethane	ND	15		µg/L	5	10/21/2022 4:39:21 AM	R91974
2-Chlorotoluene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
4-Chlorotoluene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
cis-1,2-DCE	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	10/21/2022 4:39:21 AM	R91974
Dibromochloromethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Dibromomethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,3-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,4-Dichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Dichlorodifluoromethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1-Dichloroethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1-Dichloroethene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2-Dichloropropane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** DUP
Project: WT 1 **Collection Date:** 10/11/2022
Lab ID: 2210730-014 **Matrix:** AQUEOUS **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,3-Dichloropropane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
2,2-Dichloropropane	ND	10		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Hexachlorobutadiene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
2-Hexanone	ND	50		µg/L	5	10/21/2022 4:39:21 AM	R91974
Isopropylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
4-Isopropyltoluene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
4-Methyl-2-pentanone	ND	50		µg/L	5	10/21/2022 4:39:21 AM	R91974
Methylene Chloride	ND	15		µg/L	5	10/21/2022 4:39:21 AM	R91974
n-Butylbenzene	ND	15		µg/L	5	10/21/2022 4:39:21 AM	R91974
n-Propylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
sec-Butylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Styrene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
tert-Butylbenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	10/21/2022 4:39:21 AM	R91974
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
trans-1,2-DCE	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1,1-Trichloroethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,1,2-Trichloroethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Trichloroethene (TCE)	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Trichlorofluoromethane	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
1,2,3-Trichloropropane	ND	10		µg/L	5	10/21/2022 4:39:21 AM	R91974
Vinyl chloride	ND	5.0		µg/L	5	10/21/2022 4:39:21 AM	R91974
Xylenes, Total	ND	7.5		µg/L	5	10/21/2022 4:39:21 AM	R91974
Surr: 1,2-Dichloroethane-d4	96.4	70-130		%Rec	5	10/21/2022 4:39:21 AM	R91974
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	5	10/21/2022 4:39:21 AM	R91974
Surr: Dibromofluoromethane	97.4	70-130		%Rec	5	10/21/2022 4:39:21 AM	R91974
Surr: Toluene-d8	110	70-130		%Rec	5	10/21/2022 4:39:21 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: WT 1 **Collection Date:**
Lab ID: 2210730-015 **Matrix:** TRIP BLANK **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Toluene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Ethylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Naphthalene	ND	2.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1-Methylnaphthalene	ND	4.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
2-Methylnaphthalene	ND	4.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Acetone	ND	10		µg/L	1	10/21/2022 5:06:23 AM	R91974
Bromobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Bromodichloromethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Bromoform	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Bromomethane	ND	3.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
2-Butanone	ND	10		µg/L	1	10/21/2022 5:06:23 AM	R91974
Carbon disulfide	ND	10		µg/L	1	10/21/2022 5:06:23 AM	R91974
Carbon Tetrachloride	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Chlorobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Chloroethane	ND	2.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Chloroform	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Chloromethane	ND	3.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
2-Chlorotoluene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
4-Chlorotoluene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
cis-1,2-DCE	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Dibromochloromethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Dibromomethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,1-Dichloroethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,1-Dichloroethene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2-Dichloropropane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,3-Dichloropropane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
2,2-Dichloropropane	ND	2.0		µg/L	1	10/21/2022 5:06:23 AM	R91974

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 **2210730**
Date Reported: **3/16/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: WT 1 **Collection Date:**
Lab ID: 2210730-015 **Matrix:** TRIP BLANK **Received Date:** 10/14/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **JR**	
1,1-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Hexachlorobutadiene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
2-Hexanone	ND	10		µg/L	1	10/21/2022 5:06:23 AM	R91974
Isopropylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
4-Isopropyltoluene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
4-Methyl-2-pentanone	ND	10		µg/L	1	10/21/2022 5:06:23 AM	R91974
Methylene Chloride	ND	3.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
n-Butylbenzene	ND	3.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
n-Propylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
sec-Butylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Styrene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
tert-Butylbenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
trans-1,2-DCE	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Trichlorofluoromethane	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Vinyl chloride	ND	1.0		µg/L	1	10/21/2022 5:06:23 AM	R91974
Xylenes, Total	ND	1.5		µg/L	1	10/21/2022 5:06:23 AM	R91974
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	10/21/2022 5:06:23 AM	R91974
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/21/2022 5:06:23 AM	R91974
Surr: Dibromofluoromethane	105	70-130		%Rec	1	10/21/2022 5:06:23 AM	R91974
Surr: Toluene-d8	103	70-130		%Rec	1	10/21/2022 5:06:23 AM	R91974

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
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210730**

16-Mar-23

Client: GHD

Project: WT 1

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R91861**	RunNo: **91861**							
Prep Date:	Analysis Date: **10/17/2022**	SeqNo: **3294100**	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: **R91861**	RunNo: **91861**							
Prep Date:	Analysis Date: **10/17/2022**	SeqNo: **3294101**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.3	0.50	10.00	0	93.2	90	110			

Qualifiers:

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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#: **2210730**
16-Mar-23

Client: GHD
Project: WT 1

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R91974** RunNo: **91974**
Prep Date: Analysis Date: **10/20/2022** SeqNo: **3299694** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	82.9	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Chlorobenzene	19	1.0	20.00	0	96.2	70	130			
1,1-Dichloroethene	15	1.0	20.00	0	75.4	70	130			
Trichloroethene (TCE)	16	1.0	20.00	0	78.6	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.8	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	9.4		10.00		94.0	70	130			
Surr: Toluene-d8	10		10.00		105	70	130			

Sample ID: **2210730-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-5** Batch ID: **R91974** RunNo: **91974**
Prep Date: Analysis Date: **10/20/2022** SeqNo: **3299717** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	30	1.0	20.00	13.05	86.3	70	130			
Toluene	23	1.0	20.00	1.926	105	70	130			
Chlorobenzene	20	1.0	20.00	0	99.8	70	130			
1,1-Dichloroethene	18	1.0	20.00	1.326	85.7	70	130			
Trichloroethene (TCE)	43	1.0	20.00	24.34	90.9	70	130			
Surr: 1,2-Dichloroethane-d4	9.6		10.00		95.6	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.4	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.9		10.00		99.1	70	130			

Sample ID: **2210730-001amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-5** Batch ID: **R91974** RunNo: **91974**
Prep Date: Analysis Date: **10/20/2022** SeqNo: **3299719** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	31	1.0	20.00	13.05	88.6	70	130	1.53	20	
Toluene	23	1.0	20.00	1.926	105	70	130	0.279	20	
Chlorobenzene	19	1.0	20.00	0	96.3	70	130	3.56	20	
1,1-Dichloroethene	18	1.0	20.00	1.326	84.1	70	130	1.67	20	
Trichloroethene (TCE)	42	1.0	20.00	24.34	88.0	70	130	1.37	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130	0	0	
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		101	70	130	0	0	
Surr: Toluene-d8	10		10.00		99.9	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
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#: **2210730**
16-Mar-23

Client: GHD
Project: WT 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R91974**	RunNo: **91974**
Prep Date:	Analysis Date: **10/20/2022**	SeqNo: **3299762** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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
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QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2210730**
16-Mar-23

Client: GHD
Project: WT 1

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R91974** RunNo: **91974**
Prep Date: Analysis Date: **10/20/2022** SeqNo: **3299762** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		105	70	130			
Surr: Toluene-d8	11		10.00		106	70	130			

Sample ID: **100ng lcs4** SampType: **LCS4** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BatchQC** Batch ID: **W92013** RunNo: **92013**
Prep Date: Analysis Date: **10/21/2022** SeqNo: **3301551** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethane	23	1.0	20.00	0	115	70	130			
Surr: 1,2-Dichloroethane-d4	12		10.00		116	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.9	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical 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#: **2210730**

16-Mar-23

Client: GHD

Project: WT 1

Sample ID: **100ng lcs4**	SampType: **LCS4**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BatchQC**	Batch ID: **W92013**	RunNo: **92013**
Prep Date:	Analysis Date: **10/21/2022**	SeqNo: **3301551** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	11		10.00		114	70	130			
Surr: Toluene-d8	11		10.00		105	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **W92013**	RunNo: **92013**
Prep Date:	Analysis Date: **10/21/2022**	SeqNo: **3301555** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.0								
Surr: 1,2-Dichloroethane-d4	12		10.00		121	70	130			
Surr: 4-Bromofluorobenzene	9.3		10.00		93.1	70	130			
Surr: Dibromofluoromethane	11		10.00		113	70	130			
Surr: Toluene-d8	11		10.00		106	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical 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: 2210730 | RcptNo: 1

Received By: Tracy Casarrubias 10/14/2022 7:15:00 AM

Completed By: Tracy Casarrubias 10/14/2022 10:25:02 AM

Reviewed By: KPG 10.14.22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

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 ☐
	Approved by client.		
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: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: CMC 10/14/22

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	12.9	Good	Yes			
2	3.1	Good	Yes			
3	2.3	Good	Yes			
4	1.4	Good	Yes			

Chain-of-Custody Record

Client: EHD

Mailing Address:

Phone #:

email or Fax#: Christine.Mathews@ehdenv

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: WT-1

Project #: 12574723

Project Manager: Christine Mathews

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 4

Cooler Temp(including CF): See Checklist (°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. 2210730	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, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	SW-846 8260	EPA 300 chlorides				
10-11-22	1000	W	MW-5			001																
10-11-22	1100		MW-6			002																
10-11-22	1200		MW-7			003																
10-11-22	1300		MW-8			004																
10-12-22	1300		SVE-1			005																
10-11-22	0900		SVE-1A			006																
10-11-22	1400		SVE-5			007																
10-12-22	1200		SVE-7			008																
10-12-22	1030		SVE-8			009																
10-12-22	0930		SVE-9			010																
10-11-22	1430		SVE-12			011																
10-11-22	1515	↓	SVE-13			012											↓	↓				

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10-13-22	1600				10/13/22	1600
10/13/22	1900			Courier	10/14/22	7:15

Remarks:

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.

Chain-of-Custody Record

Client: GHD

Mailing Address:

Phone #:

email or Fax#: Christine.Mathis@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: WT-1

Project #: 125774723

Project Manager: Christine Mathis

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 4

Cooler Temp(including CF): See Checklist (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210730	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, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	SW-846 8260	EPA 300 chloride				
10-11-22	1630	W	SVE-14			013											X	X				
10-11-22	—	W	DUP			014											X	X				
			Trip Blank			015																

Analysis Request

Remarks:

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10-13-22	1600					
10/13/22	1900				10/14/22	7:15

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.

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 206813

CONDITIONS

Operator:	OGRID:
Transwestern Pipeline Company, LLC 8501 Jefferson NE Albuquerque, NM 87113	329750
	Action Number: 206813
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2022 Annual Groundwater Monitoring Report: Content Satisfactory 1. Conduct site-wide annual groundwater monitoring in April 2023 (as planned) 2. Conduct impact only wells event in October 2023, sampling only wells with COCs in exceedence of their respective WQCC standard as determined by the Aprill 2023 event 3. Evaluate 2022 groundwater quality results and incorporate results and recommendations into next 2023 or 2024 Annual Report. 4. As per 19.15.30, eight (8) consecutive quarterly samples, unless approved for a lesser number of samples, for all wells, must demonstrate analysis results below the human health standards in the NM WQCC Title 20 before the site can be considered for closure. 5. Submit the 2023 Annual Report (unless already submitted), and the 2024 Annual Groundwater Monitoring Report by April 1, 2025.	6/4/2024